Colorado Register



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Introduction

The *Colorado Register* is published pursuant to C.R.S. 24-4-103(11) and is the sole official publication for state agency notices of rule-making, proposed rules, attorney general's opinions relating to such rules, and adopted rules. The register may also include other public notices including annual departmental regulatory agendas submitted by principal departments to the secretary of state.

"Rule" means the whole or any part of every agency statement of general applicability and future effect implementing, interpreting, or declaring law or policy or setting forth the procedure or practice requirements of any agency. "Rule" includes "regulation". C.R.S. 24-4-102(15). Adopted rules are effective twenty days after the publication date of this issue unless otherwise specified.

The *Colorado Register* is published by the office of the Colorado Secretary of State twice monthly on the tenth and the twenty-fifth. Notices of rule-making and adopted rules that are filed from the first through the fifteenth are published on the twenty-fifth of the same month, and those that are filed from the sixteenth through the last day of the month are published on the tenth of the following month. All filings are submitted through the secretary of state's electronic filing system.

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Tracking number

2016-00094

Department

200 - Department of Revenue

Agency

201 - Taxpayer Service Division - Tax Group

CCR number

1 CCR 201-4

Rule title

SALES AND USE TAX

Rulemaking Hearing

Date Time

03/02/2016 09:00 AM

Location

1375 Sherman St., Room 127, Denver, CO 80261

Subjects and issues involved

The purpose of this amendment is to remove an inaccurate sentence which states that state-administered special districts must levy sales tax on occasional sales by charitable organizations, sales that benefit a Colorado school, and sales by an association or organization of parents and teachers of public school students that is a charitable organization.

Statutory authority

39-21-112(1), 39-26-718, 39-26-102, and 39-26-725, C.R.S.

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CHARITABLE AND OTHER EXEMPT ORGANIZATIONS

39-26-718

(1) General Rule.

- (a) Purchases by charitable organizations are exempt from state sales and use taxes and state-administered local sales and use taxes if the purchases are part of the charitable organization's regular charitable functions and activities.
- (b) Sales by charitable organizations generally are not exempt from sales tax, except for occasional sales, sales where a portion of the purchase price is a donation, and sales by certain school-related entities.
- (c) The following are common situations where the acquisition of property by a charitable organization is not subject to sales tax.
 - (i) The charitable organization does not pay the donor for the donation (sales tax does not apply to transactions when consideration is not paid), or
 - (ii) The purchase was part of its regular charitable function and activity, or
 - (iii) The purchase was made with the intention of reselling the item at a fundraising event, in which case the charitable organization's purchase is exempt as a wholesale purchase for resale.

(2) Types of Charitable Organizations.

- (a) Charitable organizations must serve a public rather than a private interest and be organized and operated exclusively for one or more of the following purposes or functions:
 - (i) Religious; to the extent consistent with Catholic Health Initiatives Colo. v. City of Pueblo, 207 P.3d 812, (Colo. 2009).
 - (ii) Charitable;
 - (iii) Scientific;
 - (iv) Literary;
 - (v) Educational;
 - (vi) Testing for public safety;
 - (vii) Fostering national or international amateur sports competition, as long as no part of its activities involves providing athletic facilities or equipment:
 - (viii) Preventing cruelty to children or animals;

- (b) Limited Purpose Charitable Organizations. A veterans' organization registered under section 501(c)(19) of the Internal Revenue Code of 1986 is a charitable organization only when sponsoring a special event, meeting or other function in the State of Colorado, so long as such event, meeting or function is not part of such organization's regular activities in the state.
- (c) Charitable, as used in (2)(a)(ii) of this rule, is used in its generally accepted legal sense and is, therefore, not to be construed as limited by the separate enumeration of other tax-exempt purposes which may fall within the broad outlines of *charity* as developed by judicial decisions. Charitable includes:
 - (i) Relief of the poor and distressed or of the underprivileged:
 - (ii) Advancement of education or science;
 - (iii) Erection or maintenance of public buildings, monuments, or works;
 - (iv) Lessening of the burdens of government;
 - (v) Care of the sick, infirm, or aged;
 - (vi) Lessen neighborhood tensions;
 - (vii) Eliminate prejudice and discrimination;
 - (viii) Defend human and civil rights secured by law; or
 - (ix) Combat community deterioration and juvenile delinquency.
- (d) Educational, as used in (2)(a)(v) of this rule, relates to:
 - The instruction or training of the individual for the purpose of improving or developing his capabilities; or
 - (ii) The instruction of the public on subjects useful to the individual and beneficial to the community.
- (e) Testing for public safety, as used in (2)(a)(vi) of this rule, includes the testing of consumer products to determine whether they are safe for use by the general public.
- (f) Scientific, as used in (2)(a)(iii) of this rule, includes carrying on of scientific research in the public interest. For research to be scientific, it must be carried on in furtherance of the scientific purpose.
- (g) IRS 501(c)(3) Certificates. A charitable organization that holds a 501(c)(3) determination letter from the Internal Revenue Service is provisionally presumed to qualify as a charitable organization that is exempt from Colorado sales and use tax. However, the Department is not bound by an IRS determination of an organization's charitable status, and the Department may independently evaluate whether the entity qualifies as a charitable entity.
- (h) Religious Organization. The IRS does not require religious organizations to apply for a 501(c)(3) certificate in order to qualify as a tax-exempt charitable organization. In such cases, the Department will issue a sales tax exemption certificate to a religious charitable

entity, even in the absence of an 501(c)(3) certificate, if the organization has a charitable purpose and meets the conditions set forth below. In lieu of the 501(c)(3) certificate, a religious organization shall provide to the Department a copy of its IRS No Record of Exempt Organization letter and Department Form DR 0716, "Statement of Nonprofit Church, Synagogue, or Organization".

- (i) If the applicant is a religious organization that is an affiliate of a national organization that holds a Colorado exemption certificate, applicant may submit, in lieu of such a determination letter, documentation from the national organization demonstrating that applicant is an affiliate of such organization.
- (i) Nonprofit Organizations. An organization that is a nonprofit or an organization that performs some charitable services or provides funding to a qualified charitable organization does not automatically qualify as a charitable organization for sales and use tax purposes. In order to qualify, the organization must be established and operated exclusively for one or more of the charitable purposes listed above. Examples of organizations that do not typically qualify as a charitable organization for purposes of this exemption are nonprofit country clubs, private clubs, employees or social clubs or organizations, nonprofit recreational organizations, lodges, patriotic organizations (veteran organizations have a limited exemption, discussed below), fraternities, sororities, professional and trade associations, civic organizations, labor unions, political organizations, and other nonprofit entities.

(3) Application for Exemption Certificates.

- (a) Applicants must submit a completed application for a sales tax exemption certificate and include a copy of the organization's federal 501(c)(3) determination.
- (b) Notwithstanding a determination by the IRS of an applicant's charitable status, the Department may conduct, either before or after the issuance of an exemption certificate, an independent review of whether the organization qualifies as a charitable organization.

(4) Restrictions on Charitable Organization Activities.

- (a) Exclusively. An organization will be regarded as operating exclusively for one or more exempt purpose only if the organization exclusively engages in activities in furtherance of its exempt purpose. A charitable organization will not lose its exempt charitable status if its non-charitable activities are insubstantial.
 - (i) Examples.
 - (A) If the religious organization operates a restaurant or coffee shop for the public unrelated to its charitable propose, then the organization does not qualify for the exemption because this activity is not considered part of the organization's charitable function. Note that sales by a charitable organization are not generally exempt from sales tax. For example, sales by a church in a coffee shop operated on church property are subject to sales tax even if the revenues from such sales are insubstantial, unless the sales qualify under the occasional sale exemption or the donation exemption, discussed below.
 - (B) Providing meals to the poor or homeless for free or below cost is generally considered a charitable activity.

- (b) Other Restrictions. A charitable organization, excluding veterans' organizations, is subject to the following limitations in order to qualify for the sales and use tax exemption certificate:
 - (i) No part of an organization's net earnings can benefit any private shareholder or individual. Compensation paid by the organization for services rendered, including services performed by employees or officers of the charitable organization, must be reasonable.
 - (A) The fact that an organization charges a fee for its goods or services is not fatal to a claim that it is a charitable organization. However any profit that a charitable organization generates must be used for charitable purposes. Factors that the Department will consider with respect to whether an organization that charges fees is a charitable organization include: (i) whether such fees vary depending on the need of the recipient of the goods or services; and (ii) the extent to which such fees show material reciprocity or *quid pro quo* transactions between the organization and those it serves.
 - (B) Example: A mutual benefit society is an organization whose benefits are available only to its members and/or their beneficiaries and requires payment by its members as a condition to receiving such benefits. A mutual benefit society is not organized for a charitable purpose, and is not a charitable organization exempt from sales and use taxes under this exemption.
 - (ii) No substantial part of an organization's activities can be carrying-on propaganda or otherwise attempting to influence legislation. For example, an organization whose main activity is scientific is not a charitable organization for sales and use tax purposes if a substantial portion of the organization's activities involves dissemination of propaganda that is favorable to its political objectives or consists of lobbying for legislation that supports the organization's activities and mission.
 - (iii) An organization may not participate in, or intervene in, a political campaign on behalf of any candidate for public office (including the publishing or distributing of statements).

(5) Purchases by Charitable Organizations.

Purchases by charitable organizations are exempt from sales and use taxes if the goods (a) or services are used exclusively in the conduct of the charitable organization's regular charitable functions and activities. Purchases must be made directly from the organization's funds and, for purchases over one-hundred dollars, must be made with a check or credit card issued in the organization's name. Purchases made with funds other than the organization's own funds or purchases made with a charitable organization's funds but reimbursed by someone who is not a qualified charitable organization are not exempt from sales or use tax. Whenever a charitable organization purchases tangible personal property (such as cards, food, cars, etc.) that is to be transferred to anyone else for personal use and all or part of the price of the goods is recouped from the user through direct payment, donation or games of chance (but not including a sale), the organization's exempt status does not apply and sales tax must be paid to the vendor by the exempt organization. If such purchases are made outside Colorado or in Colorado without payment of Colorado sales tax, the tax must be paid directly to the Department by the organization.

- (i) Examples.
 - (A) A purchase made on behalf of a charitable organization with a credit card issued in the name of an individual is not exempt.
 - (B) An educational charitable organization's purchase of computers is not exempt if the computers are given to members of the organization who use the computers for their own personal use or who reimburse the organization.
 - (C) An educational institution's purchase of athletic equipment or uniforms is not exempt from sales and use tax if the educational institution is reimbursed for the equipment or uniforms from students or their families.
- (b) Veterans' Organizations. Purchases by veterans' organizations that are registered under section 501(c)(19) of the Internal Revenue Code are exempt only if the goods are used for a special event, meeting, or other function that is not part of the organization's regular activities in Colorado. The Department does not issue an exemption certificate to veterans' organizations. Instead, veterans' organizations must apply for a special event license for each special event or function. Veterans' organizations make exempt purchases by presenting the special events license to the vendor. Because veterans' organizations are only a charitable organization when sponsoring a special event, meeting, or other function so long as such event, meeting, or function is not part of the organization's regular activities in this state and because the occasional sales exemption requires that the funds be used in the regular course of the organization's charitable activities, sales by veterans' organizations do not qualify for the occasional sales exemption.

(6) **Donor's Obligation for Sales and Use Tax.**

- (a) A donor who purchases tangible personal property for the purpose of donating it to a charity must pay sales or use tax on the purchase and cannot claim the charitable organization's exemption. The donor cannot claim a sale for resale exemption because the property is donated, not resold, to the charitable organization.
- (b) A retailer who initially makes a wholesale (exempt) purchase of an item for resale (e.g., retailer buys an item for its inventory it plans to resale) and later withdraws that item from inventory and donates it to a charitable organization incurs use tax on the withdrawal from inventory. However, see the cross reference (5) for information on the exemption for donations of manufactured goods by manufacturers.

(7) Sales by Charitable Organization.

(a) General Rule. Sales made by charitable organizations are generally not exempt from sales tax, unless the sale qualifies for the occasional sale exemption, as a donation, or for any other exemption that may apply (see paragraphs (8) and (9) of this rule). For that reason, a charitable organization that makes repeated sales of tangible personal property to the public and otherwise meets the definition of a retailer must have a sales tax license and collect and remit tax in the same manner as any other retailer. For example, a charitable organization that operates a gift or book shop, rummage store, or coffee shop must collect sales tax on sales. The fact that the merchandise sold may have been acquired by gift or donation, or that the proceeds are to be used for charitable purposes, does not make the sales exempt from tax.

- (b) Occasional Sale Exemption. Occasional sales of taxable tangible personal property by a charitable organization that holds a Colorado exemption certificate are exempt from sales and use taxes. See paragraph (10), below, for information of local taxes. An occasional sale must meet the following criteria:
 - (i) The charitable organization conducts sales for a total of twelve days or less during a calendar year, <u>and</u>
 - (A) Each day a sale occurs is counted as an entire day, even if the sale occurs for less than a full day or the organization characterizes a multiday sale as one event.
 - (ii) The "net proceeds" from all these events do not exceed twenty-five thousand dollars in that calendar year. "Net proceeds" means the total gross receipt(s) minus expenses directly attributable to the event(s).
 - (A) "Directly attributable" generally means those expenses that would not have arisen but for the occurrence of the event and do not include indirect and overhead costs, such as administrative staff wages, insurance unless purchased for the specific event, rent otherwise due even if no event was held, property taxes, and other expenses that would be incurred even in the absence of the event.
 - (B) Payment by the charitable organization to acquire any goods that are later sold at a fundraising event is an expense that is deducted from the gross proceeds to determine net proceeds.
 - (C) When a charitable organization exceeds either threshold described in paragraph (7)(b)(i)or (ii), then <u>all</u> sales that occur in that calendar year are subject to tax, including sales in that calendar year that were previously exempt prior to the date when the threshold was exceeded. Sales tax applies to the gross proceeds, not the net proceeds. The charitable organization must have a sales tax license if and when either of these limits is exceeded.
 - (I) Example 1. Charitable organization conducts one auction sale which generates \$30,000 in gross proceeds and \$20,000 in net proceeds. Because neither threshold was exceeded, the charitable organization does not collect, report, or remit sales tax.
 - (II) Example 2. Same facts as Example No. 1, but net proceeds are \$26,000. Charitable organization has exceeded the \$25,000 threshold, and, therefore, must collect, report, and remit sales tax on the gross proceeds of \$30,000.
 - (iii) The funds retained by the charitable organization are used in the course of the organization's charitable service.
 - (iv) Living accommodations and other taxable services. The exemption for occasional sales applies only to the sale of tangible personal property. Therefore, sales of taxable services by a charitable organization are subject to tax. For example, a charitable organization conducts a silent auction at which it auctions a weekend rental of a timeshare or hotel room. The sale of living

accommodations is a sale of a service. The sale is subject to state and local sales taxes applicable to where the accommodation is located even if the charitable organization has not exceeded the twelve day or twenty-five thousand dollar thresholds. The sale of the living accommodation is not included in the calculation of the twenty-five thousand dollar threshold.

- (A) If the auction is not conducted in the same state-administered local jurisdiction in which the living accommodation is located, then the charitable organization must register with the Department for the local jurisdiction where the accommodation is located and collect the local sales taxes, including any lodging or local marketing district taxes, applicable to the rental of living accommodations.
- (v) Goods sold on consignment. Goods given by a retailer to a charitable organization for sale at a fundraising event with the understanding that the goods will be offered for sale at a minimum price and the minimum price is paid to the retailer, and with the further understanding that the goods would be returned to the retailer if not sold at the event are subject to sales tax on the minimum price even if the twenty-five thousand dollar threshold is not met. For example, a bike shop offers a bike to a charitable organization to be sold at a fundraising auction, but the bike shop requires the charitable organization to pay the bike shop a portion of the purchase price in the event the bike is sold. The charitable organization must collect sales tax from the successful bidder for the payment made to the bike shop, even if the net proceeds from the event do not exceed the twenty-five thousand dollar threshold.
- (c) Donations. A portion of the purchase price for a sale made by a charitable organization may be a donation if the amount paid exceeds the fair market value of the good purchased.
 - (i) The exclusion of donations from the tax base applies even if the charitable organization exceeds the twelve day / twenty-five thousand dollar threshold of the occasional sale exemption. This rule also applies to state-administered local sales taxes even if the local tax jurisdiction elected to tax occasional sales of charitable organizations.
 - (ii) The donation amount is not included in the calculation of the twenty-five thousand dollar net proceeds threshold for the occasional sale exemption.
 - (iii) Examples.
 - (A) An electronic retailer donates a laptop computer that it sells for \$700 at retail. The charitable organization offers the laptop computer at a silent auction and discloses that the fair market value of the laptop computer is \$700. The winning bid is \$1,000. \$300 is a donation not subject to tax.
 - (B) Charitable organization sells 300 tickets for \$100 for a dinner and silent auction event. This is the charitable organization's only event that calendar year. Organization discloses to ticket purchasers that \$75 of the \$100 ticket price is a donation. Each dinner costs the charitable organization \$10. Charitable organization generates \$33,000 in silent auction gross sale proceeds (\$30,000 derived from the auction of taxable tangible personal property, \$1,000 from the auction of non-taxable services and gift certificates, and \$2,000 from the auction of taxable vacation rentals), \$20,000 in net proceeds from the silent auction, and

\$4,500 from the sale of dinner ((\$25-\$10) X 300), for a total in net-style="net-style-type: 150%. Because the \$75 is a donation and not proceeds from a sale of what would otherwise be taxable goods, the \$22,500 (\$75 X 300) in donations from ticket sales is not added to the \$24,500 in net proceeds to determine whether the \$25,000 in net proceeds threshold is exceeded. Sales tax is not due on the net proceeds because the charity has not exceeded the \$25,000 threshold. The \$1,000 in non-taxable services and gift certificates and the \$2,000 in taxable living accommodations are excluded from the net proceeds calculations because the services and gift certificates are not taxable and the living accommodations do not qualify under the occasional sales exemption, which applies only to taxable tangible personal property and not taxable services. (Tax must be collected on the living accommodations.)

- (I) Local Sales Taxes. If the state-administered local tax jurisdiction in which the sale occurred elected not to exempt occasional sales by charitable organizations, then the local tax applies to the gross proceeds from the sale of dinner and auction items, even if the organization did not exceed the \$25,000 net proceeds threshold, but local tax does not apply to the \$75 per ticket because a donation is not subject to state or local sales taxes.
- (C) Same facts as Example No. 2, except the net proceeds from the auction sale are \$23,000. Because the net proceeds threshold is exceeded (\$23,000+\$4,500), sale tax applies to the gross price, not just the net proceeds, for all dinners (\$25 X 300) and to the gross price all of the sales at auction (\$30,000 + \$2,000). Sales tax is not collected on the \$1,000 in the sales of non-taxable services and gift cards and not on the \$22,500 in donations.
- (iv) In order to claim a sales tax exemption for a donation included in the buyer's purchase price, the buyer and charitable organization must establish the following:
 - (A) the fair market value of the taxable item or service, and
 - (B) that the buyer knowingly paid in excess of the fair market value with the intent to donate that excess portion of the price to the charitable organization.
- (v) The Department will presume that the price paid for an item sold at auction is the item's fair market value and that the buyer did not knowingly pay in excess of the fair market value. These presumptions can be rebutted by reasonable evidence, such as the price for comparable goods sold by a retailer in its regular course of business and that buyer knew the fair market value of the goods at the time of the purchase. For example, the fair market value of a signed professional sports jersey sold at auction will be presumed to be the price paid by the successful bidder, but the presumption can be rebutted by documentation of the sales price of a comparable signed jersey sold to the public at the professional team's or other retail store.
 - (A) Examples.
 - (I) A charitable organization holds a fundraising dinner for which patrons purchase a ticket for \$100 per person. The organization

compiles information that establishes that the fair market value of the dinner is \$25 and the cost per meal is \$10. The organization establishes that purchasers knowingly paid in excess of the fair market value of the item by disclosing to patrons, at the time tickets are sold, that the fair market value of the dinner is \$25 (or that \$75 of the \$100 purchase price is a donation). State sales tax is due on the \$25 if the organization exceeded the \$25,000 net proceeds threshold.

- (II) The fair market value of an item sold at auction is not based on the cost to the organization to acquire the item. For example, a donor may donate a set of golf clubs or a night stay at a condominium to the organization to be auctioned at a fundraising event. The fair market value of the golf clubs or room is not zero even though the organization acquired the golf clubs or room for free. The fair market value is the price at which the item would sell on the open market.
- (III) A charitable organization holds a fundraising auction. The organization previously conducted concession sales and other fundraising sales for twelve days in the same year. The organization compiles information of the fair market value of each of the items sold at auction. The organization establishes that the purchaser knowingly paid in excess of the fair market value of the item by disclosing the fair market value of the auctioned items to potential bidders prior to bidding. The organization does not collect sales tax on that portion of the purchase price that exceeds the fair market value.
- (vi) The Department will presume that any donation that qualifies as a donation for federal income tax purposes also qualifies as a donation for sales tax purposes.
- (8) **Parent-Teacher Associations.** Sales by associations or organizations of parents and teachers of public school students are exempt from sales tax if:
 - (a) The association or organization is a charitable organization, and;
 - (b) The sale proceeds are used for the benefit of a <u>public</u> school, an organized public school activity, or to pay reasonable expenses of the association or organization.
 - (c) The exemption does not apply to sales by private schools. However, sales by private schools that qualify as charitable organizations are exempt as occasional sales or are not taxable to the extent the purchase price is a donation, or are exempt pursuant to paragraph 9, below. §39-26-718(1)(c), C.R.S. See paragraph (10), below, for information on local taxes.
 - (d) Occasional Sales Restrictions Do Not Apply. This exemption applies even if the sale has exceeded the occasional sale exemption threshold (twelve days / twenty-five thousand dollar as discussed in (7)(b) "Occasional Sale Exemption").
 - (i) Example. A public school parent-teacher association can raise funds by selling candy exempt from sales tax in order to purchase school sports uniforms. However, if the parent-teacher association is supporting a private school, its sales are taxable, unless the association is a charitable organization for

educational purposes. In addition, if students reimburse the school for the uniforms, then tax must be collected on the amount paid by students.

- (9) Sales by Public, Private Schools and Supporting Organizations. Sales by public and private schools and supporting organizations are exempt from sales tax if the conditions described in paragraphs (a) to (d) are met. See paragraph (10), below, for information on local taxes.
 - (a) The school is for students in kindergarten through twelfth grade.
 - (b) Preschools, trade schools and post-secondary schools do not qualify.
 - (c) The sale is made by any of the following:
 - (i) the school;
 - (ii) an association or organization of parents and school teachers;
 - (iii) booster club or other club, group or organization whose primary purpose is to support a school activity; or
 - (iv) a school class, student club, group or organization.

These organizations qualify for this exemption even if they are not charitable organizations. Examples include: concession sales by booster club or a silent auction sales conducted by a parent-teacher association or school are exempt if all the proceeds are donated to the school or school-approved student organization

- (d) All the proceeds from the sale, except the actual cost incurred by a person or entity to acquire the good or service sold, must be donated to the school or school-approved student organization. Actual costs incurred to acquire the goods or services include, payment facility charges (rent for space, furniture or equipment), labor (wages for security, independent contractors, employees), transportation, meals, insurance, and other costs.
- (e) Sales by a parent-teacher association that are not exempt under this paragraph (9) may, nevertheless, be as exempt if the sale meets the requirements for an exempt sale as a charitable organization or as a public school parent-teacher association or organization.
- (f) Occasional Sales Restrictions do not apply. This exemption applies even if the sale has exceeded the thresholds for the occasional sale exemption (twelve days / twenty-five thousand dollar as discussed in (7)(b) "Occasional Sale Exemption,").
- (g) Purchases by public schools are exempt from sales tax. §39-26-704(4), C.R.S. Purchases by private schools are not exempt unless the private school is a charitable organization.
- (10) **State-Administered Local Tax Jurisdictions.** State-administered cities and counties have the option to adopt the following exemptions from sales tax (1) occasional sales by charitable organizations, (2) sales that benefit a Colorado school, and (3) sales by an association or organization of parents and teachers of public school students that is a charitable organization. See, §29-2-105(1)(d)(I)(E), (K), and (L) C.R.S., respectively. However, state-administered special districts, such as the Regional Transportation District, must always exempt such sales from sales tax in conformity with state sales tax exemptions. must levy sales tax on these exemptions. Unless exempt, charitable organizations are responsible for collecting state-

administered city and county sales taxes for the local jurisdiction in which the sale occurs. If the state-administered city or county taxes occasional sales, then the charitable organization must obtain a Colorado sales tax license prior to such sales so that the organization can report and remit the local sales tax to the Department, even though these sales are exempt from Colorado state sales tax. Home rule cities are not governed by these rules and procedures and should be contacted directly for more information on their procedures

(11) Other Tax Exempt Organizations. Other tax-exempt organizations (including governmental entities) that sell tangible personal property (for example, through a secondhand goods retail store, a fundraiser sales event or routine sales of organization-related items) must obtain a sales tax license and collect all applicable state and local sales taxes.

Cross Reference(s):

- 2. For a list of home rule cities, see also Department publication "Colorado Sales/Use Tax Rates" (DR 1002).
- 3. For information on the exemption for donations of manufactured goods by manufacturers, see §39-26-705(2), C.R.S.
- 4. For additional information on sales related to schools, see §39-26-725, C.R.S.
- 5. Catholic Health Initiatives Colo. v. City of Pueblo, 207 P.3d 812, (Colo. 2009).

COLORADO DEPARTMENT OF REVENUE STATEMENT OF BASIS AND PURPOSE

1 CCR 201-4 CHARITABLE ORGANIZATIONS 39-26-718

Basis

The statutory basis for this rule is §39-21-112(1), §39-26-718, §39-26-102, and §39-26-725, C.R.S.

Purpose

The purpose of this amendment is to remove an inaccurate sentence which states that state-administered special districts must levy sales tax on occasional sales by charitable organizations, sales that benefit a Colorado school, and sales by an association or organization of parents and teachers of public school students that is a charitable organization. Pursuant to §§ 32-9-119 (2) (a) and 32-13-107 (1)(a), C.R.S., charitable sales that are exempt from the state sales tax are also exempt from any state-administered special district sales tax. Therefore, the amendment makes clear that occasional sales by charitable organizations, sales that benefit a Colorado school, and sales by an association or organization of parents and teachers of public school students that is a charitable organization are also exempt by special districts.

Tracking number		
2016-00092		
Department		
200 - Department of Revenue		
Agency		
201 - Taxpayer Service Division - Tax Group		
CCR number		
1 CCR 201-4		
Rule title SALES AND USE TAX		
Rulemaking Hearing		
Date	Time	
03/02/2016	09:00 AM	
Location 1375 Sherman St., Room 127, Denver, CO 80261		
Subjects and issues involved The Department proposes to repeal rule 39-26-705.1 because the rule only cross references another rule.		
Statutory authority 39-21-112(1) and 39-26-705, C.R.S.		
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REGULATION 39-26-705.1

(Refer to Regulation 26-102-(21).)

COLORADO DEPARTMENT OF REVENUE STATEMENT OF BASIS AND PURPOSE

39-26-705.1 1 CCR 201-4

Basis

The statutory basis for this rule is §39-21-112(1) and §39-26-705, C.R.S.

Purpose

The Department proposes to repeal rule 39-26-705.1 because the rule only cross references another rule.

Tracking number

2016-00093		
Department		
200 - Department of Revenue		
Agency		
201 - Taxpayer Service Division - Tax Group		
CCR number		
1 CCR 201-4		
Rule title SALES AND USE TAX		
Rulemaking Hearing		
Date	Time	
03/02/2016	09:00 AM	
Location 1375 Sherman St., Room 127, Denver, CO 80261		
Subjects and issues involved The Department proposes to repeal rule 39-26-707.1(e) because the rule only cross references another rule.		
Statutory authority 39-21-112(1) and 39-26-707, C.R.S.		
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REGULATION 39-26-707.1(E)

Food is defined in C.R.S. 1973, 39-26-102(4.5).

COLORADO DEPARTMENT OF REVENUE STATEMENT OF BASIS AND PURPOSE

39-26-707.1(e) 1 CCR 201-4

Basis

The statutory basis for this rule is §39-21-112(1) and §39-26-707, C.R.S.

Purpose

The Department proposes to repeal rule 39-26-707.1(e) because the rule only cross references another rule.

Tracking number		
2016-00091		
Department		
200 - Department of Revenue		
Agency		
201 - Taxpayer Service Division - Tax Group		
CCR number		
1 CCR 201-4		
Rule title SALES AND USE TAX		
Rulemaking Hearing		
Date	Time	
03/02/2016	09:00 AM	
Location 1375 Sherman St., Room 127, Denver, CO 80261		
Subjects and issues involved The Department proposes to repeal rule 39-26-703.1 because the rule only cross references another rule.		
Statutory authority 39-21-112(1) and 39-26-703, C.R.S.		
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REGULATION 39-26-703.1

See Regulation (39-)26-102.22. (Duty of Vendor to Collect Tax)

COLORADO DEPARTMENT OF REVENUE STATEMENT OF BASIS AND PURPOSE

39-26-703.1 1 CCR 201-4

Basis

The statutory basis for this rule is §39-21-112(1) and §39-26-703, C.R.S.

Purpose

The Department proposes to repeal rule 39-26-703.1 because the rule only cross references another rule.

Tracking number		
2016-00090		
Department		
200 - Department of Revenue		
Agency		
201 - Taxpayer Service Division - Tax Group		
CCR number		
1 CCR 201-4		
Rule title SALES AND USE TAX		
Rulemaking Hearing		
Date	Time	
03/02/2016	09:00 AM	
Location 1375 Sherman St., Room 127, Denver, CO 80261		
Subjects and issues involved The Department proposes to repeal rule 39-26-204.3 because the rule only cross references another rule.		
Statutory authority 39-21-112(1) and 39-26-204, C.R.S.		
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REGULATION 26 – 204.3.

(See Regulation 26 - 108.)

COLORADO DEPARTMENT OF REVENUE STATEMENT OF BASIS AND PURPOSE

39-26-204.3 1 CCR 201-4

Basis

The statutory basis for this rule is §39-21-112(1) and §39-26-204, C.R.S.

Purpose

The Department proposes to repeal rule 39-26-204.3 because the rule only cross references another rule.

Tracking number

2016-00095		
Department		
200 - Department of Revenue		
Agency		
201 - Taxpayer Service Division - Tax Group		
CCR number		
1 CCR 201-16		
Rule title GASOLINE AND SPECIAL FUEL TAX		
Rulemaking Hearing		
Date	Time	
03/02/2016	09:00 AM	
Location 1375 Sherman St., Room 127, Denver, CO 80261		
Subjects and issues involved The purpose of the amendment to this rule is to clarify language regarding the filing of quarterly claims for refunds.		
Statutory authority 39-21-112(1) and 39-27-103, C.R.S.		
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REFUNDS OF GASOLINE AND SPECIAL FUEL TAX

39-27-103

(1) Definitions.

- (a) Account Percentage: a percentage assigned to a particular account, representing the proportion of taxable fuel used for purposes other than the operation of a motor vehicle upon the highways of this state.
- (b) Alternate-Jurisdiction Percentage: an exempt-use percentage used in another state.
- (c) Default Percentage: an exempt-use percentage to be assigned to new account-holders whose activities closely mirror that of the average industry participant.
- (d) Established Account Percentage: an exempt-use percentage previously assigned to an account by the Department of Revenue.
- (e) Industry-Group Proffered Standard: the percentage obtained from an industry association, or other disinterested party.
- (f) Industry Segment: a group of companies or businesses engaged in similar activities using similar vehicles and/or equipment.
- (g) Industry Segment Historical Average: a percentage derived from the historical, non-highway fuel usage of previously established accounts identified as being in the industry.
- (h) Refund Permit Account: an account established for an entity allowing it to claim refunds for exempt use of fuel.
- Refundable Gallons: the account percentage multiplied by the gallons purchased and used for the period.
- (2) **Qualifying Fuel.** The gallons included in the percentage calculations, on the refund claims, and in all other aspects of the refund process under §39-27-103, C.R.S. can only be those upon which Colorado motor fuel excise tax was paid. Red-dyed diesel, fuel purchased in another jurisdiction, fuel purchased tax-exempt, and fuel used in vehicles licensed and plated for on-road use in Colorado do not qualify as exempt fuel.
- (3) Establishing the Default Percentage for a Given Industry.
 - (a) Based on the Department of Revenue's determination of the most reliable information, the default percentage shall be:
 - (i) The Industry Segment Historical Average;
 - (ii) An Industry-Group Proffered Standard; or
 - (iii) An Alternate-Jurisdiction Percentage.
 - (b) The Department will calculate percentages of exempt and non-exempt fuel ("default percentages") for various industries. These percentages shall be used by the taxpayer

unless the taxpayer demonstrates that a different percentage should apply. The denominator shall be the total amount of fuel used by the industry, excluding any International Fuel Tax Agreement ("IFTA") gallonage, and the numerator shall be the amount of tax paid fuel used by the industry that qualifies for a refund but that excludes any IFTA gallonage. Fuel used for idling or for powering air conditioning and electrical systems on a vehicle are on road uses and, therefore, are not included in the numerator. However, fuel used for a power take off unit mounted on a vehicle for the refrigeration of a trailer while the trailer is attached to the vehicle, for mixing on a truck hauling concrete, or for other similar uses shall be included in the numerator. This ratio is then multiplied by the total amount of fuel purchased, including both exempt and non-exempt fuel, but excludes IFTA gallons.

(c) The Department of Revenue may update default percentages, should it obtain information deemed to be more reliable.

(4) Assigning an Account Percentage to a New Account.

- (a) A default percentage shall be assigned to entities based on activities that closely mirror the average industry participant.
- (b) Otherwise:
 - (i) A weighted average of the relevant industry default percentages shall be assigned to entities whose activities span more than one industry.
 - (ii) Entities whose activities are not representative of established industry segments must provide documentation enabling the Department of Revenue to assign a percentage. Documentation must include information concerning actual use of fuel, equipment used, mileage over the road, miles per gallon, etc. This documentation must span one year of activity.

(5) **Documentation for an Industry-Group Proffered Standard.**

- (a) Proposal documentation shall include:
 - (i) A definition of the segment;
 - (ii) An explanation of typical business operations for the segment:
 - (iii) Identification of the typical equipment used;
 - (iv) Information concerning any seasonal or cyclical events that might affect the industry;
 - (v) An explanation of the measuring method used. Information and testing results provided by a manufacturer may be considered;
 - (vi) Fuel records and other data;
 - (vii) Identification of the period of time involved in the study. To be valid, a period of study must span one year, as well as any relevant cyclical or seasonal patterns.
- (6) Protests of the Assigned Percentage.

- (a) An applicant may file a protest with the Department of Revenue if the applicant disagrees with the assigned percentage. Supporting documentation must be included with any request for a change of percentage. Documentation must include sufficient information to support an alternative percentage. Documentation must include information concerning actual use of fuel, equipment used, mileage over the road, miles per gallon, etc. This documentation must span one year of activity.
- (b) Subsequent appeal procedures will be handled under the provision of §39-21-104 C.R.S and §39-21-105 C.R.S.

(7) Audits of Accounts.

- (a) If the Department of Revenue, through the examination of records concerning actual use of fuel, equipment used, mileage over the road, miles per gallon, etc. of an established account holder, finds that the account has an incorrect percentage, the Department may adjust the percentage both retroactively and prospectively.
- (b) The new percentage shall be arrived at as if a new account were being established.
- (c) The Department may make assessments or issue refunds using a percentage other than the default percentage for any period open for assessment if the default percentage does not fairly reflect the amount of exempt use of fuel.

(8) **Penalty.**

- (a) The Department may suspend, cancel, revoke, or deny a refund permit in accordance with the Colorado Administrative Procedures Act (§24-4-104, C.R.S.).
- (b) A taxpayer cannot claim a refund of gasoline and special fuel taxes purchased during a period in which the taxpayer's refund permit was suspended, cancelled, revoked, or denied, even if the taxpayer is subsequently granted a new or reinstated permit. However, if the taxpayer's application for refund permit is denied for reasons other than making a false statement in the application (e.g., clerical errors) or if the permit is cancelled because no refund claim was submitted for twenty-four consecutive months, then the taxpayer is not prohibited from filing a refund claim for the period the application was denied or cancelled if the taxpayer is subsequently granted a permit and the claim is otherwise valid.
- (c) Applications for a permit or claims for a refund made in violation of statute shall be denied and, as a penalty, the amount so claimed shall also be deducted from any future claim for refund. For example, any applicant for refund who makes a false statement on an application for permit or credit for refund, or submits any invoices on which erasures, changes, alterations, or additions have been made, or that are otherwise incorrect shall be denied and the penalty described above shall be applied.
- (d) The suspension of a refund permit shall be for a period not longer than one year. After the suspension period expires, the permit is automatically reinstated and taxpayer is not required to apply for a new refund permit.
- (e) Except as provided for in (8)(b), a cancellation, revocation, or denial of a refund permit shall be effective for a period of one year after which the taxpayer may apply for a new permit pursuant to (8)(f), below.
- (f) Any taxpayer whose refund permit was cancelled, revoked, or denied may apply for a new refund permit after the effective period of such cancellation, revocation, or denial has

expired. The Department may impose conditions, limitations, and qualifications to the granting of a new refund permit as the Department determines, in the exercise of its discretion, are necessary to ensure the proper administration of taxes. However, if a permit was cancelled because taxpayer had not filed a refund claim for twenty-four consecutive months or if an application was denied as a result of clerical errors, then taxpayer can apply for a new permit at any time.

(9) Change in Business Operations by an Established Account Holder.

- (a) Entities whose business operations change, in such a manner that a refund issued under the previously-set percentage would be incorrect, must notify the Department of Revenue.
- (b) The Department will require a new application.
- (c) The new application will be processed, and the previously-held account shall be closed.

(10) Filing Quarterly Claims.

- (a) Only one claim can be filed each calendar quarter. Missing gallons on a claim for refund cannot be resubmitted or amended to include those missing gallons if a claim was already filed in that calendar quarter. The missing gallons shall be claimed in a subsequent calendar quarter within twelve months of the date of purchase by including a copy of the prior quarter's claim and showing the missing fuel on such claim. Gallons claimed for refund must be submitted in a claim postmarked within twelve months of the date of purchase or the claim will be denied.
- (b) Except in the case of a first time applicant for a permit, aA taxpayer cannot file a claim for refund for any period unless taxpayer holds a refund permit at the time of filing the claim for refund. However, if the taxpayer's application for refund permit is denied for reasons other than making a false statement in the application (e.g., clerical errors) or if the permit is cancelled because no refund claim was submitted for twenty-four consecutive months, then the taxpayer is not prohibited from filing a refund claim for the period the application was denied or cancelled if the taxpayer is subsequently granted a permit and the claim is otherwise valid.

(11) Taxpayers Holding International Fuel Tax Agreement (IFTA) Licenses.

- (a) Taxpayers may separately file a claim for refund for nontaxable fuel used in Colorado in an IFTA-plated vehicle. Such a claim must demonstrate the actual amount of fuel used in Colorado in taxable and nontaxable applications. Taxpayers wishing to receive a refund on fuel placed in the ordinary fuel tank of a vehicle whose miles are reported on an IFTA return must obtain an account with the Department specifically for this purpose.
- (b) Taxpayers wishing to receive a refund on fuel placed in the ordinary fuel tank of a vehicle whose miles are reported on an IFTA return, and also receive a refund on fuel used in other equipment, must file two separate refund claims one for IFTA gallons described in this paragraph (11), and one for non-IFTA gallons described in paragraphs (1) through (10) of this rule. Taxpayers must separate each reported activity.
- (c) Gallons used in an IFTA-plated vehicle are not eligible for a refund using the industry default percentage as defined in paragraphs (1) through (9) of this rule.
- (d) Out-of-state IFTA licensees holding an account upon which they shall receive a refund of fuel placed in the ordinary fuel tank of a vehicle whose miles are reported on an IFTA

- return must attach a copy of the corresponding IFTA return to each quarterly claim for refund.
- (e) For the purposes of this regulation, the ordinary fuel tank of a vehicle is that which is drawn upon to propel the vehicle down the road.

(12) Invoice Record-Retention Requirements.

- (a) Invoices are the delivery tickets issued at the time of the sale and delivery. Billing invoices prepared subsequent to the sale and delivery of the fuel are not acceptable, unless accompanied by a delivery ticket. Invoices must be retained for a period of three years from the date of the purchase of the fuel or the date of the refund claim, whichever is later. These invoices must be available for audit or review upon request by the Department.
- (b) Invoices must show the following information:
 - (i) Dealer's name and address, and the address of the delivery;
 - (ii) Purchaser's name and address;
 - (iii) Correct date of sale and delivery, as to month, day, and year;
 - (iv) Bill of lading number, if applicable;
 - (v) Delivery ticket number;
 - (vi) Type and quantity of gasoline or special fuel sold;
 - (vii) Price per gallon, total amount of Colorado tax, and total amount paid.

COLORADO DEPARTMENT OF REVENUE STATEMENT OF BASIS AND PURPOSE

REFUNDS OF GASOLINE AND SPECIAL FUEL TAXES 39-27-103 1 CCR 201-16

Basis

The basis for this rule is §39-21-112(1) and §39-27-103, C.R.S.

Purpose

The purpose of the amendment to this rule is to clarify language regarding the filing of quarterly claims for refunds. Specifically, the statute makes clear that a first time applicant for a refund permit is allowed to file a claim for refund without first obtaining a refund permit. As the regulation is currently written, it does not account for a first time applicant making a claim for refund without a refund permit. In addition, this amendment makes clear that if the refund permit is denied for reasons other than making a false statement in the application or if the permit is cancelled because no refund claim was submitted for twenty-four consecutive months, then the taxpayer is not prohibited from filing a refund claim for the period the application was denied or refund permit was cancelled if the taxpayer is subsequently granted a permit and the claim is otherwise valid.

Tracking number

303-205-5761

2016-00048 **Department** 200 - Department of Revenue Agency 204 - Division of Motor Vehicles **CCR** number 1 CCR 204-10 Rule title TITLES AND REGISTRATIONS Rulemaking Hearing Time **Date** 03/10/2016 02:00 PM Location 1881 Pierce Street, Lakewood, CO 80214, Rm 110 (Board/Commissions Meeting Room) Subjects and issues involved The purpose of this rule is to establish requirements for obtaining a Colorado certificate of title for a motor vehicle that has been abandoned at a Motor Vehicle Repair Facility. Statutory authority The statutory bases for this rule are 38-20-116, 42-1-204, 42-6-102, 42-6-104, 42-6-115(3)(a), 42-6-116, 42-6-136, 42-6-136.5, 42-6-137, and 42-9-102, C.R.S. **Contact information** Title Name Noelle Peterson **Training Supervisor Telephone Email**

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DEPARTMENT OF REVENUE

Division of Motor Vehicles – Title and Registration Section 1 CCR 204-10

RULE 10. DISPOSITION OF OBTAINING TITLE FOR A MOTOR VEHICLES ABANDONED AT A MOTOR VEHICLE REPAIR SHOPS FACILITY

Basis: The statutory bases for this rule are 38-20-116, 42-1-204, 42-6-102, 42-6-104, 42-6-115(3)(a), 42-6-116, 42-6-136, 42-6-136, 42-6-137, and 42-9-102, C.R.S.

Purpose: The purpose of this rule is to establish requirements for obtaining a Colorado certificate of title for a motor vehicle that has been abandoned at a Motor Vehicle Repair Facility.

1.0 Definitions

- 1.1 "Abandoned Motor Vehicle" for the purposes of this rule means the same as it is defined in 38-20-116(2.5)(b), C.R.S.
- 1.2 "Last Good Faith Effort" for the purpose of this rule means notifying the vehicle owner as required pursuant to 38-20-116(2), C.R.S.
- 1.3 "Motor Vehicle Repair Facility" means the same as it is defined in 42-9-102(3), C.R.S.
- 1.4 "Work Day" for the purposes of this rule means Monday through Friday, excluding Colorado State Government recognized holidays.
- 1.5 "Work Order" means the same as it is defined in 42-9-102(6), C.R.S.

2.0 Requirements

- 2.1 A Motor Vehicle Repair Facility in possession of an Abandoned Motor Vehicle may obtain a Colorado certificate of title in its name by completing the steps below. The below steps are the recommended order of completion, the Motor Vehicle Repair Facility may complete the steps in any order, but all steps must be completed before the Motor Vehicle Repair Facility can obtain a Colorado certificate of title in its name.
 - a. Complete a title record search pursuant to 38-20-116(2.5)(c)(III), C.R.S.
 - If the Abandoned Motor Vehicle is a motor vehicle registered in Colorado, submit form DR 2489A Motor Vehicle Record Requestor Release And An Affidavit of Intended Use and attach thereto a copy of the Work Order.
 - A certified Vehicle Identification Number (VIN) inspection may be submitted in lieu of a Work Order when the Work Order is not available.
 - ii. If the Abandoned Motor Vehicle is registered in another jurisdiction, a title and lien search from the other jurisdiction is required. The results of that search shall be submitted with the application for a Colorado certificate of title.
 - b. Notify the owner(s) and all lienholders in accordance with subsection 38-20-116(2.5) (c)(IV), C.R.S.

- c. Complete a certified VIN inspections pursuant to 38-20-116(2.5)(c)(II)(A) and (B), C.R.S. on form DR 2704 Colorado Certified VIN Inspection.
- d. Establish the retail fair market value of the Abandoned Motor Vehicle pursuant to section 38-20-116(2.5)(c)(l), C.R.S.
- e. Purchase a surety bond pursuant to 42-6-115(3)(a) and 38-20-116(2.5)(c)(V), C.R.S.
- f. Disclose current or previous salvage information.
 - I. If the Colorado certificate of title record search indicates the Abandoned Motor Vehicle is branded as salvage, the DR 2704 Colorado Certified VIN Inspection form must indicate that the Abandoned Motor Vehicle is "Not Roadworthy".
 - If an Abandoned Motor Vehicle previously having a salvage brand has been repaired to a roadworthy condition, the Motor Vehicle Repair Facility may apply for a Colorado rebuilt from salvage certificate of title by completing the requirements listed in form DR 2415 Rebuilt Title Established by Salvage Title Checklist and completing form DR 2424 Salvage Title Statement of Fact indicating what repairs were made to the Abandoned Motor Vehicle to bring it to a roadworthy condition as defined in section 42-6-102(15), C.R.S.
 - After making repairs to bring the branded salvage Abandoned Motor Vehicle to a roadworthy condition, a new form DR 2704 Colorado Certified VIN Inspection must be submitted with the application for Colorado certificate of title.
 - If the salvage branded Abandoned Motor Vehicle is not repaired to a roadworthy condition, the Motor Vehicle Repair Facility may apply for a salvage branded title using form DR 2410 Application for Salvage Title or Nonrepairable Title.
 - 3. If the Colorado certificate of title record search indicates that the Abandoned Motor Vehicle was branded as "Previous Salvage (Rebuilt from Salvage)" and the form DR 2704 indicates that the Abandoned Motor Vehicle is roadworthy, the Motor Vehicle Repair Facility must request a salvage history on the Abandoned Motor Vehicle from the Department.
 - Upon determination of the reason for the vehicle being branded salvage, the Motor Vehicle Repair Facility must complete form DR 2710 Branded Title Disclosure Statement.
 - b. If the reason for the vehicle being branded salvage is indeterminate, the Motor Vehicle Repair Facility must complete form DR 2710 Branded Title Disclosure Statement, marking the "Other" box on the form and must write "Purchased as an abandoned vehicle, unable to obtain a salvage history, reason for salvage unknown" in the space provided to the right of the "Other" box.
- g. Complete form DR 2438 Storage Lien Bond Statement Guide or form DR 2444 Statement of Fact, providing the information required pursuant to section 38-20-116(c)(VI), C.R.S.

- 2.2 After completion of all steps in paragraph 2.1 above, the Motor Vehicle Repair Facility may apply for a Colorado certificate of title or salvage branded title. The application and related forms must be filed in the name of the Motor Vehicle Repair Facility, and in the county where the Motor Vehicle Repair Facility is located. The County Clerk and Recorder will issue the Colorado certificate of title in the Motor Vehicle Repair Facilities name using the previous title code of "BOS REP" (Bill of Sale Repair Facility) and assess the appropriate fees pursuant to 42-6-137, C.R.S.
 - a. An Abandoned Motor Vehicle with a retail fair market value of less than \$200.00 can be sold only for the purposes of junking, scrapping, or dismantling. No certificate of title will be issued. The sale must be executed in accordance with subsection 38-20-116(2.5)(c)(VII)(B), C.R.S.
- 2.3 After the Motor Vehicle Repair Facility has obtained a Colorado certificate of title for the Abandoned Motor Vehicle, the vehicle must be sold in a commercially reasonably manner pursuant to section 38-20-116(d)(I), C.R.S.

3.0 Agents Acting on Behalf of the Motor Vehicle Repair Facility

- 3.1 An agent may obtain title to an Abandoned Motor Vehicle in a Motor Vehicle Repair Facility's name upon presenting a Power of Attorney or Permission Letter authorizing the agent to act on the Motor Vehicle Repair Facility's behalf.
- 3.2 The Permission Letter listed in paragraph 3.1 must include the make, model, model year, and VIN of the Abandoned Motor Vehicle; the business name, address, and telephone number of the Motor Vehicle Repair Facility; and a statement that "[Name of Motor Vehicle Repair Facility] hereby authorizes [agent's name] to act on my behalf in processing the title application for the above-referenced motor vehicle." The permission letter must be either (1) signed under penalty of perjury or (2) notarized.

Basis: The statutory bases for these regulations are sections 38-20-116(2.5)(e), 42-4-2104, 42-4-2109, 42-6-104 and 42-6-136 C.R.S.

Purpose: The following rules and regulations are promulgated to establish requirements for processing of certificates of title for vehicles that have been abandoned at a motor vehicle repairshop.

Definitions:

Abandoned Motor Vehicle - a motor vehicle:

- (1) that has been left at a repair shop by the motor vehicle's owner, the owner's agent, or an operator hired by the owner or owner's agent;
- (2) that the repair shop has offered to repair and for which the repair shop has prepared an estimate of repair costs;
- (3) that the owner or the owner's agent has refused to authorize repairs to, has refused to pay for authorized and completed repairs to, or has refused to remove from the repair shop upon request. If a repair shop is unable, despite good faith efforts, to obtain a response from the owner or the owner's agent regarding the authorization of repairs, payment forauthorized and completed repairs, or the removal of a motor vehicle, the owner orowner's agent shall be deemed to have refused to authorize repairs, pay for authorized and completed repairs, or remove the motor vehicle.
- (4) that is not the subject of sale negotiations or a sale agreement between the owner or the owner's agent and the repair shop.

Department - the Department of Revenue, Division of Motor Vehicles (DMV).

Operator – a person or firm licensed by the Public Utilities Commission (PUC) as a towing operator, which includes auto parts recyclers that tow vehicles for remuneration.

Repair Shop — a person or firm that offers major motor vehicle repair services of more than one-thousand dollars in value per motor vehicle repair to the public on a commercial basis and-complies with all federal, state, county and municipal laws that require the person or firm to-possess business or tax licenses.

Salvage Certificate of Title — a document issued under the authority of the director to indicateownership of a salvage vehicle.

Salvage Vehicle — any motor vehicle as defined in section 42-6-102 (10) and (23), which is damaged as defined by section 42-6-102 (17) which shall include any reference to "salvage vehicle" or "salvage motor vehicle".

- 1. This process may be followed by repair shop owners for those vehicles that have an appraised value of two thousand dollars or less and have been abandoned at their facility.
- 2. If a tow operator is also an owner of a repair shop, an abandoned vehicle must be processed in accordance with the terms of the abandonment. If the vehicle was abandoned on private property, the vehicle must be processed in accordance with the requirements of 42-4-2102 CRS. If the vehicle is abandoned at a repair shop and meets the specified requirements, the vehicle must be processed in accordance with the requirements of 42-4-2104.5 CRS.

- 3. A copy of the repair order will be required to substantiate that an estimate of repair costs was completed.
- 4. The repair shop shall conduct or cause to be conducted an appraisal of the vehicle not less—than fifteen days nor more than thirty days from the date that the owner or owner's agent—refused to authorize repairs, pay for completed repairs or remove the vehicle from the—repair shop upon request. The appraisal must be conducted by a licensed Colorado—dealer. If the repair shop owner is also a licensed Colorado dealer, he may conduct the—appraisal on a vehicle that has been abandoned at his repair shop.
- 5. The vehicle will be considered abandoned if the vehicle owner or the vehicle owner's agentdoes not respond to the repair shop within five working days from the last "good faitheffort" made by the repair shop to contact the owner.
- 6. For purposes of this procedure, a "good faith effort" is defined as mailing a certified letter which includes a copy of the repair order and notification that if the repair shop does not receive a response within ten working days from the postmark date of the certified letter, the vehicle will be considered abandoned and will be subject to sale.
- 7. The vehicle must be appraised at \$2,000.00 or less to follow this procedure. If the vehicle is appraised for \$2,001.00 or more, the Mechanic and Storage Lien procedure must be completed to obtain a Colorado certificate of title.
- 8. The requirement for notification to the Department by a repair shop upon a vehicle becoming abandoned at a repair shop shall be satisfied by the repair shop owner initiating a search through the State website.
- 9. Repair shop owners shall notify the law enforcement in accordance with Part 21, Article 4 of Title 42 C.R.S.
- 10. Report of the abandonment of the motor vehicle shall be conducted no later than ten working days following notification from law enforcement that the vehicle has not been reported stolen, and a case number has been assigned. This report must be conducted electronically through the Department's internet communication. The Department will not provide printed forms. The search is not considered complete until the repair shop-receives a Colorado record or verification from the Department that no Colorado record exists.
- 11. Notification must be mailed to all addresses recorded in the Department's records in addition to the address on the repair order if it is different.
- 12. The repair shop must make a reasonable effort to obtain out-of-state owner and lienholder-information if there is any indication that the vehicle is registered in another state. For-purposes of this procedure, a reasonable effort is considered obtaining a record search from the state of which the vehicle appears to be registered.
- 13. A sale must be commercially reasonable in accordance with 42-4-2104.5, C.R.S. Commercially reasonable is defined as a good faith attempt to dispose of the item to the parties' mutual best advantage. A sale is not commercially reasonable if the vehicle's appraisal value is more than \$200.00 and is sold to an officer or partner of the repair shop or to any other person with a proprietary interest in the repair shop.
- 14. Upon the sale and application for title of a vehicle appraised for \$2,000.00 or less and more than \$200.00 whose model year is less than six years, a salvage title must be issued.

- 15. Upon the sale of the vehicle, the repair shop shall provide the purchaser with a Motor Vehicle Bill of Sale (DR2146), the original of the report (DR2147), a copy of the title search results including a copy of the e-mail verification when no record is found, a copy of the repair order, a copy of the certified letter return receipt requested, the original Vehicle Identification Number verification and the appropriate application for title.
- 16. Upon receiving record search information from the department, if the record indicates that the vehicle is salvage and the vehicle appears to have been made roadworthy, the repair—shop owner shall disclose to the buyer that the vehicle has a salvage title record, and that no repairs have been made by the repair shop to make the vehicle roadworthy. The buyer shall follow the established procedure to apply for a roadworthy title. The buyer—shall complete a DR2424 Salvage Title Statement of Fact by stating that the vehicle was purchased from a repair shop as a vehicle abandoned at a repair shop and that no repairs have been made. All subsequent title applications will indicate the same—information on the DR2710, Rebuilt from Salvage Disclosure. If the repair shop has—made the repairs required for the vehicle to be deemed roadworthy, the buyer will—complete the DR2424 Salvage Title Statement of Fact to indicate what repairs were—made and that they were made by the repair shop.

If the vehicle is in salvage condition and/or less than six model years old at the time of sale, as determined and disclosed in writing by the repair shop owner and appraised formore than \$200.00, the buyer must apply for a salvage title and state that the vehicle was purchased as an abandoned vehicle from a repair shop. Repair shop owners are required to disclose to the buyer that the vehicle is a salvage vehicle. However, because the vehicle was abandoned and there are no records to indicate the reason for salvage, repair shop owners will not be required to disclose the reason for the salvage designation.

If the record obtained from the department indicates that the vehicle was previously salvage, the repair shop owner shall make all reasonable attempts to determine the cause of the salvage designation. A reasonable attempt is considered obtaining a title-history to determine the reason for salvage. Once the reason for salvage has been determined, the repair shop owner will complete the DR2710 Rebuilt from Salvage-Disclosure to provide the salvage information. If the reason for salvage is indeterminate, the repair shop owner will complete the DR2710 by marking the box "vehicle abandoned at a repair shop" and stating "purchased as an abandoned vehicle at a repair shop, reason for salvage unknown".

- 17. Access to the Department's electronic system requires registration with the Department pursuant to 42-4-1806 (2)(a) C.R.S.
- 18. All searches of the electronic system will require the statutory search fee pursuant to 42-1-206 (2)(a). These fees will be collected through a billing process determined by the department. Failure to remit payment required for services provided may result in suspension of access of the department's electronic system.
- 19. The electronic system registration and billing process will be completed as determined by the department.
- 20. Repair shop owners shall utilize the electronic system provided by the department to obtain the owner and lienholder information of abandoned vehicles. Use of the electronic system shall only be for the purpose of obtaining required information to process vehicles abandoned at their repair shop. Repair shop owners must register with the Department for use of the electronic system. A separate repair shop registration will be required for those repair shop owners that are registered with the Department as a tow operator.

1	 If the vehicle does not sell within the time frames as defined in 42-4-210 fees or charges may apply. 	04.5, no additional

DEPARTMENT OF REVENUE

Division of Motor Vehicles – Title and Registration Section 1 CCR 204-10

RULE 10. OBTAINING TITLE FOR A MOTOR VEHICLE ABANDONED AT A MOTOR VEHICLE REPAIR FACILITY

Basis: The statutory bases for this rule are 38-20-116, 42-1-204, 42-6-102, 42-6-104, 42-6-115(3)(a), 42-6-116, 42-6-136, 42-6-136, 42-6-137, and 42-9-102, C.R.S.

Purpose: The purpose of this rule is to establish requirements for obtaining a Colorado certificate of title for a motor vehicle that has been abandoned at a Motor Vehicle Repair Facility.

1.0 Definitions

- 1.1 "Abandoned Motor Vehicle" for the purposes of this rule means the same as it is defined in 38-20-116(2.5)(b), C.R.S.
- 1.2 "Last Good Faith Effort" for the purpose of this rule means notifying the vehicle owner as required pursuant to 38-20-116(2), C.R.S.
- 1.3 "Motor Vehicle Repair Facility" means the same as it is defined in 42-9-102(3), C.R.S.
- 1.4 "Work Day" for the purposes of this rule means Monday through Friday, excluding Colorado State Government recognized holidays.
- 1.5 "Work Order" means the same as it is defined in 42-9-102(6), C.R.S.

2.0 Requirements

- 2.1 A Motor Vehicle Repair Facility in possession of an Abandoned Motor Vehicle may obtain a Colorado certificate of title in its name by completing the steps below. The below steps are the recommended order of completion, the Motor Vehicle Repair Facility may complete the steps in any order, but all steps must be completed before the Motor Vehicle Repair Facility can obtain a Colorado certificate of title in its name.
 - a. Complete a title record search pursuant to 38-20-116(2.5)(c)(III), C.R.S.
 - If the Abandoned Motor Vehicle is a motor vehicle registered in Colorado, submit form DR 2489A Motor Vehicle Record Requestor Release And An Affidavit of Intended Use and attach thereto a copy of the Work Order.
 - A certified Vehicle Identification Number (VIN) inspection may be submitted in lieu of a Work Order when the Work Order is not available.
 - ii. If the Abandoned Motor Vehicle is registered in another jurisdiction, a title and lien search from the other jurisdiction is required. The results of that search shall be submitted with the application for a Colorado certificate of title.
 - b. Notify the owner(s) and all lienholders in accordance with subsection 38-20-116(2.5) (c)(IV), C.R.S.

- c. Complete a certified VIN inspections pursuant to 38-20-116(2.5)(c)(II)(A) and (B), C.R.S. on form DR 2704 Colorado Certified VIN Inspection.
- d. Establish the retail fair market value of the Abandoned Motor Vehicle pursuant to section 38-20-116(2.5)(c)(l), C.R.S.
- e. Purchase a surety bond pursuant to 42-6-115(3)(a) and 38-20-116(2.5)(c)(V), C.R.S.
- f. Disclose current or previous salvage information.
 - **i.** If the Colorado certificate of title record search indicates the Abandoned Motor Vehicle is branded as salvage, the DR 2704 Colorado Certified VIN Inspection form must indicate that the Abandoned Motor Vehicle is "Not Roadworthy".
 - If an Abandoned Motor Vehicle previously having a salvage brand has been repaired to a roadworthy condition, the Motor Vehicle Repair Facility may apply for a Colorado rebuilt from salvage certificate of title by completing the requirements listed in form DR 2415 Rebuilt Title Established by Salvage Title Checklist and completing form DR 2424 Salvage Title Statement of Fact indicating what repairs were made to the Abandoned Motor Vehicle to bring it to a roadworthy condition as defined in section 42-6-102(15), C.R.S.
 - a. After making repairs to bring the branded salvage Abandoned Motor Vehicle to a roadworthy condition, a new form DR 2704 Colorado Certified VIN Inspection must be submitted with the application for Colorado certificate of title.
 - If the salvage branded Abandoned Motor Vehicle is not repaired to a roadworthy condition, the Motor Vehicle Repair Facility may apply for a salvage branded title using form DR 2410 Application for Salvage Title or Nonrepairable Title.
 - 3. If the Colorado certificate of title record search indicates that the Abandoned Motor Vehicle was branded as "Previous Salvage (Rebuilt from Salvage)" and the form DR 2704 indicates that the Abandoned Motor Vehicle is roadworthy, the Motor Vehicle Repair Facility must request a salvage history on the Abandoned Motor Vehicle from the Department.
 - Upon determination of the reason for the vehicle being branded salvage, the Motor Vehicle Repair Facility must complete form DR 2710 Branded Title Disclosure Statement.
 - b. If the reason for the vehicle being branded salvage is indeterminate, the Motor Vehicle Repair Facility must complete form DR 2710 Branded Title Disclosure Statement, marking the "Other" box on the form and must write "Purchased as an abandoned vehicle, unable to obtain a salvage history, reason for salvage unknown" in the space provided to the right of the "Other" box.
- g. Complete form DR 2438 Storage Lien Bond Statement Guide or form DR 2444 Statement of Fact, providing the information required pursuant to section 38-20-116(c)(VI), C.R.S.

- 2.2 After completion of all steps in paragraph 2.1 above, the Motor Vehicle Repair Facility may apply for a Colorado certificate of title or salvage branded title. The application and related forms must be filed in the name of the Motor Vehicle Repair Facility, and in the county where the Motor Vehicle Repair Facility is located. The County Clerk and Recorder will issue the Colorado certificate of title in the Motor Vehicle Repair Facilities name using the previous title code of "BOS REP" (Bill of Sale Repair Facility) and assess the appropriate fees pursuant to 42-6-137, C.R.S.
 - a.An Abandoned Motor Vehicle with a retail fair market value of less than \$200.00 can be sold only for the purposes of junking, scrapping, or dismantling. No certificate of title will be issued. The sale must be executed in accordance with subsection 38-20-116(2.5)(c)(VII)(B), C.R.S.
- 2.3 After the Motor Vehicle Repair Facility has obtained a Colorado certificate of title for the Abandoned Motor Vehicle, the vehicle must be sold in a commercially reasonably manner pursuant to section 38-20-116(d)(I), C.R.S.

3.0 Agents Acting on Behalf of the Motor Vehicle Repair Facility

- 3.1 An agent may obtain title to an Abandoned Motor Vehicle in a Motor Vehicle Repair Facility's name upon presenting a Power of Attorney or Permission Letter authorizing the agent to act on the Motor Vehicle Repair Facility's behalf.
- 3.2 The Permission Letter listed in paragraph 3.1 must include the make, model, model year, and VIN of the Abandoned Motor Vehicle; the business name, address, and telephone number of the Motor Vehicle Repair Facility; and a statement that "[Name of Motor Vehicle Repair Facility] hereby authorizes [agent's name] to act on my behalf in processing the title application for the above-referenced motor vehicle." The permission letter must be either (1) signed under penalty of perjury or (2) notarized.

Notice of Proposed Rulemaking

	Tracking number								
	2016-00088								
	Department								
	200 - Department of Revenue								
	Agency								
204 - Division of Motor Vehicles									
	CCR number								
	1 CCR 204-30								
	Rule title DRIVER LICENSE-DRIVER CONTROL								
	Rulemaking Hearing								
	Date	Time							
	03/02/2016	10:00 AM							
	Location 1881 Pierce Street, Lakewood, CO 80214, Rm 110 (Board/Commissions Meeting Room)								
	Subjects and issues involved The following rule is promulgated to provide a list of documents recognized by the federal government to prove lawful presence, and to establish a waiver process to ensure that those persons seeking federal public benefits or state and local public benefits, who prove lawful presence in the United States, receive authorized public benefits.								
	Statutory authority This rule is promulgated under the authority	of section 24-76.5-103, C.R.S.							
	Contact information								
	Name	Title							

0 1 --- 1- Decision Val 00 No 0 Feb --- 40 0040

Email

Support Services Manager

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DEPARTMENT OF REVENUE

Taxpayer Service Division - Tax Group

RULES FOR EVIDENCE OF LAWFUL PRESENCE

1 CCR 201-17 204-30 - Rule 5

[Editor's Notes follow the text of the rules at the end of this CCR Document.]

BASIS: This rule is promulgated under the authority of section 24-76.5-103, C.R.S.

PURPOSE: The following rule is promulgated to provide a list of documents recognized by the federal government to prove lawful presence, and to establish a waiver process to ensure that those persons seeking federal public benefits or state and local public benefits, who prove lawful presence in the United States, receive authorized public benefits.

1. Definitions

- 1.1 ____Applicant AnyA natural person eighteen years of age or older seeking non-exempt Public Benefits for himself as set forth in §24-76.5-102 and 103 C. R. S. Reference to Applicant includes actions through the Designated Representative, defined below.
- 1.2 ____Benefit Agency An agency of the State or of any political subdivision of the State of Colorado, or other organization that administers, determines eligibility for, or assists persons within applying for Public Benefits as defined in §24-76.5-102 C.R.S..
- 1.3 ____Department The Colorado Means the Department of Revenue -
- 1.4-Director The Executive Director of the Colorado Department of Revenue
- 1.5 <u>Designated Representative A natural person submitting a Request for Waiver Request form (attached as on behalf of an exhibit to these rules Applicant.</u>
- 1.5 Public Benefit For purposes of this Rule, "Public Benefit" means "federal public benefit" and incorporated herein) "state and local benefit" as those terms are defined in 8 U.S.C. secs. 1611 and 1621, respectively.
- 1.6 Request for Waiver Means form DR 4678 "Request for Waiver Restrictions on Public Benefits" completed by an Applicant or Applicant's representative-seeking a determination of lawful presence by the Department. The Request for Waiver must be accompanied by all documents that the Applicant can produce to verify name and proof of lawful presence.
- 1.6 Waiver An exemption from identification requirements, issued by the Department of Revenue.
- **2. Identification Documents**

- 2.1 A first time Applicant or Applicant seeking to reapply for Public Benefits on or after August 1, 2006—may demonstrate lawful presence by both executing the affidavit required in §24-76.5-103(4)(b)—C.R.S. and producing: a Benefit Agency has been unable to verify the Applicant's lawful presence.
 - 2.1.1 One of the forms of identification set forth in §24-76.5-103(4)(a) C.R.S. as amended:
- 1.7 Systematic Alien Verification for Entitlements ("SAVE") A web-based service administered by the U.S Citizenship and Immigration Service to assist federal, state, and local benefit-issuing agencies, institutions, and licensing bureaus in determining the immigration status of benefit applicants.
 - 1.8 Valid Colorado driver license or a valid Colorado identification card For purposes of section 24-76.5-103(4)(a)(I. A valid), C.R.S., means a current Colorado driver's driver license, minor driver license, commercial driver license, restricted driver license, instruction permit, or a Colorado identification card, but does not include a document issued pursuant to part 5 of article 2 of title 42, C.R.S., or
 - II. A United States military or a military dependent's identification card, or
 - III. A United States Coast Guard Merchant Mariner card, or
 - IV. A Native American tribal document, or
 - V. A document described in paragraphs 2.1.3 or 2.1.4 below.
 - 2.1.2 For purposes of §24-76.5-103(4)(a)(I), a valid Colorado driver's license or identification cardincludes only a current driver's license, minor driver's license, probationary driver's license, commercial driver's license, restricted driver's license, instruction permit or identificationcard.
- 2.1.2.1 In the case of a resident of another state, the driver's license or a state-issued identification cardfrom the state of residence, if that state requires on the front of the document that the applicantprove lawful presence prior to issuance of a document. it is "NOT VALID FOR FEDERAL
 IDENTIFICATION, VOTING, OR PUBLIC BENEFIT PURPOSES".
 - 2.1.3 Benefit Agencies may also accept the listed forms of identification published by the Office of the Federal Register, National Archives and Records Administration, in the full Code of Federal Regulations (CFR) governing the specific services provided. In the absence of specific governing CFR regulations, Benefit Agencies shall accept the listed forms of identification published in Attorney General's Order Number 2129-97 Interim Guidance on Verification of Citizenship, Qualified Alien Status and Eligibility Under Title IV of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, as issued by the Department of Justice, Federal Register, November 17, 1997, Vol.62, No. 221 and which are incorporated by reference. Attachments A and B provide lists of documents acceptable perthis federal publication.

Material incorporated by reference in this rule does not include later amendments to or editions of the incorporated material. Copies of the material incorporated by reference may be obtained by contacting the Director, Motor Vehicle Division, of the Department of Revenue, 1881 Pierce Street, Room 100, Lakewood, Colorado, tele: 303-205-5935 during regular business hours. Copies of materials may also be examined at any state publication depository library. Certified copies shall be provided at cost, upon request.

3. Waiver Process

3.1 1.9 Waiver – Means a Department decision that an Applicant has proven lawful presence by means other than the document requirements under subsection 2.1 of this Rule.

2. Verification Requirements

- A first time Applicant or <u>an Applicant seeking to reapply for Public Benefits on or after August 1, 2006, may demonstrate lawful presence by executing both must execute the affidavit required in <u>\$section 24-76.5-103(4)(b) C.R.S.</u>, and <u>by executing demonstrate lawful presence by providing:</u></u>
 - 2.1.1 A document listed in section 24-76.5-103(4)(a Request for Waiver. The Request form, seeking a determination of lawful presence by) C.R.S. (2014);
 - 2.1.2 In the Department, may be completed by case of a resident of another state, the Applicant driver license or a state-issued identification card from the Applicant's representative. The Request for Waiver must be accompanied by all documents state of residence, if that state requires that the Applicant is then able prove lawful presence prior to produce to verify name issuance of the license or identification card;
 - 2.1.3 A document listed in the Code of Federal Regulations (CFR) as providing proof of lawful presence;
 - 2.1.4 A document listed in Attachments A and B, incorporated herein and made part of this Rule;
 - 2.1.5 Any document authorized as proof of lawful presence. The Request for Waiver may be filed in person, by mail, or on-line. pursuant to the statutes, regulations, or agency guidance governing the Benefit Agency; or
 - 2.1.6 Any document recognized by the Federal government as proof of lawful presence that is not listed or referenced within this Rule.

3. Waiver Process

- 43.1 An Applicant who has been denied a Public Benefit Agencies shall refer those Applicants who doby a Benefit Agency because the Applicant could not have any identification documents provide a document listed or referenced in Sections 2.1, 2.1.3, or 2.1.4 to this Rule may request that the Department grant the Applicant a Waiver by submitting a Request for Waiver and a copy of the document from the Benefit Agency denying benefits unless unavailable.
 - 3.1.1 The Request for Waiver may be completed and/or submitted by an Applicant or by the Applicant's Designated Representative.
 - 3.1.2 The Request for Waiver must be accompanied by all documents the Applicant wants the Department to consider to request a waiver.prove lawful presence.
 - 3.1.2 Upon3 The Applicant must submit the Request for Waiver to the Colorado Department of Revenue, Division of Motor Vehicles or any Colorado Department of Revenue, Division of Motor Vehicles Driver License office and send a copy to the Benefit Agency.

- 3.2 Pursuant to section 24-76.5-103(5)(a), C.R.S., the Department may grant an Applicant's Request for Waiver of the requirement that the Applicant prove lawful presence through the documents referenced in subsection 2.1 of this Rule if the Department determines that the Applicant has proven lawful presence by other means.
 - 3.3 Subsequent to receipt of a Request for Waiver, the Department will verify lawful presence of the Applicant.
- 3.1.3 The Department shall make a decision approving or denying a waiver within one business day of receipt of the response from federal databases or other verifying entities. Information as to the waiver decision shall be made available to the benefit agency, if known_determination of the lawful presence of the Applicant and will issue a Waiver or a Notice of Denial of Waiver. The Waiver or a Notice of Denial of Waiver will be mailed to the Applicant at the address provided on the Request for Waiver.

3.1.4 The following constitute reasons 4. Denial of Request for Waiver

4.1	<u>Reasons</u> for a	denial of a waive	rRequest for	Waiver include	e, but are not limited to:	
3.1.4.1.1The _("SAVE") verification fails to clear the Applicant; or					e Applicant <u>; or</u>	

- 34.1.4.2 _____The documents presented by the Applicant cause the Department to reasonably believe that the documents appear to have been tampered with, altered, or are not otherwise not genuine; or
- 34.1.4.3 _____The statements and/or documents provided by the Applicant are inconsistent and the Applicant is unable to reasonably explain the inconsistencies.-

3.1.5 The referring

5. Hearing and Final Agency Action

- 5.1 An Applicant, or his or her Designated Representative, may, within 60 days of the date of mailing of a Notice of Denial, or any Benefit Agency may, within 60 days of the date of mailing of a Waiver, request a hearing on the Department's decision by filing a written request for hearing with the Hearings Division of the Department at 1881 Pierce St. #106, Lakewood, CO 80214.
- 5.2 Hearings shall be held in accordance with the provisions of the State Administrative Procedure
 Act and the provisions of title 42 of Colorado Revised Statutes.
- 5.3 The only issues at hearing will be whether and when the Applicant has established lawful presence in the United States by a preponderance of the evidence.
 - 5.3.1 The Hearing Officer may consider any credible evidence, whether documents, witnesses, or other evidence offered by any party. For purposes of this rule, "party" means the Applicant, the Department, or any Benefit Agency.
 - 5.3.2 If the Hearing Officer cannot determine the actual date that the Applicant became lawfully present in the United States, the Applicant shall be deemed lawfully present as of the date provided by the statutes, regulations, or agency guidance governing the Benefit Agency, or if none, as of the date the original application denied was filed with the Benefit Agency.

- The Hearing Officer shall issue an Initial Decision within 15 business days of the completion of the hearing. If the Hearing Officer finds that the Applicant has not established lawful presence, then if a Denial of Waiver was previously issued, the Denial of Waiver will be sustained, or if a Waiver was previously granted, the Waiver will be rescinded. If the Hearing Officer finds that the Applicant is lawfully present, then if a Denial of Waiver was previously issued, the Denial of Waiver will be rescinded and the Department will be directed to issue a Waiver, or a Waiver was previously issued, the Waiver will be sustained.
- 5.5 Administrative Hearing Appeals/Exceptions to Initial Decision.
 - 5.5.1 Exception(s) Process. Any party may appeal an Initial Decision pursuant to the Colorado Administrative Procedure Act by filing written exception(s) with the Executive Director within 30 days after the date of mailing of the Initial Decision to the Applicant, the Benefit Agency, and the Department. The address of the Executive Director is: Department of Revenue, Executive Director, 1375 Sherman Street, 4th Floor, Denver, CO 80203.
 - 5.5.2 The written exception(s) must include a statement giving the basis and grounds for the exception(s). A party who fails to properly file written exception(s) within the time provided in this Rule is deemed to have waived the right to an appeal. A copy of the exception(s) must be served on all parties by personal service or via U.S. Mail, first class postage-prepaid. Any other party may file a response to the written exceptions within 21 days of the date on which the party appealing mailed or personally served written exceptions.
 - 5.5.3 Designation of Record. The party filing an appeal must file a designation of the record with the Executive Director within 20 days after the mailing of the Initial Decision. The designation of the record must designate those parts of the record and the hearing transcript that the party appealing wishes to have considered on appeal. The Department will arrange for the transcription of the hearing upon written request and payment in advance of the costs therefore by the party appealing the Initial Decision. The party appealing the Initial Decision must serve a copy of the designation on all parties by personal service or via U.S. Mail, first class postage-prepaid. Within 10 days after such service, any other party may file a designation of additional parts of the record and the hearing transcript to be considered and must advance the cost therefore. A copy of the additional designation of record must be served on all parties. No transcript is required if the review is limited to a pure question of law. Any party who fails to properly file a designation or additional designation of the record within the time provided in these Rules is deemed to have waived the right to file such designation.
 - 5.5.3 Deadline Modifications. The Executive Director may modify deadlines and procedures related to the filing of exceptions to the Initial Decision upon motion by either party for good cause shown.
 - 5.5.4 No Oral Argument. No oral argument will be allowed.
 - 5.5.5 The Executive Director will issue a final decision within 30 days following the later of the date on which all pleadings have been filed or all motions have been resolved. If the Executive Director does not issue a final decision within 30 days, the Initial Decision will be deemed the final decision of the Executive Director, effective as of 30th day after the

date of the Initial Decision. The final decision is final agency action for all purposes, and is subject to judicial review as provided in section 24-4-106, C.R.S.

5.6 An appeal under this Rule does not toll or otherwise affect any Benefit Agency appeal or other procedure or process unless expressly authorized by the Benefit Agency.

6. General Provisions

- <u>Each</u> Benefit Agency is responsible for verifying that the Applicant is the same individual indicated as the person who is requesting the waiverreceived a Waiver.
- 3.1.6-.2 Waivers are assumed to be permanent, but may be rescinded and may be cancelled by the Department, if, at any time, the Department becomes aware of subsequently determines that the Applicant's violation of immigration laws. Applicant was not or is not lawfully present. Upon making cancelling a decision to rescind and cancel a waiver Waiver, the Department will notify the Applicant and the appropriate County Department of Human Services Benefit Agencies.
- 3.1.6.1 Individuals A person whose waivers are rescinded and Waiver has been cancelled shall have the right to appeal such decision by the Department. Individuals may appeal the Department's decision by requesting a hearing within thirty60 days of following the waiver being rescinded or cancelled by makingmailing date of the notice cancelling the Waiver. The person must submit a written request for hearing to the Hearings Section Division of the Department at 1881 Pierce St. #106, Lakewood, CO 80214.
 - 3.1.6.2 The Hearings Section shall hold the hearing in accordance the provisions of the State Administrative Procedure Act and the provisions of Title 42 of the Colorado Revised Statutes.
 - 3.1.6.3 The only issue at hearing shall be whether the applicant has violated immigration laws.
 - 3.1.6.4 The hearing officer shall issue a written decision within fifteen (15) business days of the completion of the hearing, and shall constitute final agency action, and issubject to judicial review as provided by §24-4-106, C.R.S.
- 3.1.7 ___Waivers issued by the Department since August 1, 2006, but prior to approval of this <u>ruleRule</u>, will continue in effect unless <u>otherwise rescindedexpired</u>, or <u>cancelled cancelled by the Department</u>
- 7.1 The materials in this Rule incorporated by the Department, as authorized reference do not include later amendments to or editions of the materials. The materials incorporated in Section 3.1.6. this Rule are on file and available for inspection by contacting the Driver License Section of the Department of Revenue in person at, 1881 Pierce Street, Room 128, Lakewood, Colorado, 80214, or by telephone at 303-205-5600, and copies of the materials may be examined at any state publication depository library.

ATTACHMENT A

THE FOLLOWING LIST DOES NOT INCLUDE ALL DOCUMENTS THAT MAY BE ACCEPTED TO ESTABLISH LAWFUL PRESENCE - SEE ALSO RULE 5, SUBSECTIONS 2.1.3 THRU 2.1.6.

The following documents are acceptable as proof of lawful presence pursuant to AG Order Number 2129-97, Federal Register, Vol. 62, No. referenced in 2.1.3. of this rule. 221, November 17, 1997, incorporated herein by reference (the "AG Order").

A. A. Primary Evidence (

One document of the following documents - when combined with satisfactory proof of identification — demonstrates that the Applicant is needed):a U.S. citizen or non-citizen national. Identity can be proven by these same documents if they bear a picture of the applicant. Applicant:

- Copy of applicant's Applicant's birth certificate from any state, the District of Columbiaand, or all United States territories.
- United States Passports Passport, except for "limited" passports, issued for less than five years.;
- 3. _____Report of Birth Abroad of a United States Citizen, form FS-20.240;
- 4. ____Certificate of Birth issued by a foreign service post (FS-545) or Certification of Report of Birth (DS-1350). These are available from the Department of State-;
- 5. ____Certification of Naturalization (N-550 or N-570). The N-570 is issued upon loss or damage to the original document or following an individual's name change:
- 6. ____Certificate of Citizenship (N-560 or N-561). This document is issued to those persons who derive U. S. <u>Citizenshipcitizenship</u> through a parent. The N-561 is issued upon loss or damage of the original document or following an individual's name change.:
- 7. ____U. S. Citizen Identification Card (I-97). These were 197), last issued in 1983, or Form I-
 <u>179,</u> last issued in 1974.
- 8. _____Northern Mariana Identification Card. Those born in the Northern Mariana Islands prior to November 3, 1986, were collectively naturalized.
- 9. ____Statement provided by a USU.S. consular officer certifying that the individual is a USU.S. citizen. (This document is provided to an individual born outside the USU.S. who derived citizenship through a parent but does not have form FS-240, FS-545 or DS-1350-)):
- American Indian Card with Classification classification code "KIC" and a statement on the back (identifying US Citizen U.S. citizen members of the Texas Band of Kickapoos.) living near the U.S./Mexican border).

B. _Secondary Evidence

If the applicant cannot present one of the documents listed above, the following may be relied upon to establish USU.S. citizenship or nationality:

1.-____Religious recordsrecord recorded in one of the 50 states, the District of Columbia and U.S. territories, within three months after birth, showing that the birth occurred in such jurisdiction, and the date of the birth or the individual's age at the time the record was made::

Evidence of Civil Service Employment civil service employment by the USU.S. Government before June 1, 1976; Early school records (preferably from the first school) showing the date of admission to the school, the child's date and place of birth and the names'names and places of birth of the parents; Census record showing name, USU.S. citizenship or a USU.S. place of birth or age of applicant Applicant; Adoption Finalization Papers showing the child's name and place of birth in one of the 50 states, DC, Washington D.C., or USU.S. territories or, where the adoption is not finalized and the State or other jurisdiction listed above in which the child was born will not release a birth certificate prior to final adoption, a statement from a state-approved adoption agency showing the child's name and place of birth in one of such jurisdictions (-NOTE: the source of the information must be an original birth certificate and must be indicated in the statement); or Any other documents that establish a USU.S. place of birth or in some way indicates USU.S. citizenship. C.- If an individual is unable to present any of the above documents, the following options are available: Accept a written declaration, made under penalty of perjury, and possibly subject to later verification of status, from one or more third parties, indicating a reasonable basis for personal knowledge that the applicant is a USU.S. citizen or non-citizen national. Accept the applicant's Applicant's written declaration, made under penalty of perjury and possibly subject to later verification of status, that he or she is a USU.S. citizen or noncitizen national. Note: These options (C 1 and C 2) should be used with caution in appropriate circumstances. For example, before using these options, a provider might require the applicant Applicant to demonstrate why a document evidencing that he or she is a USU.S. citizen or non-citizen national does not exist or cannot be readily obtained. D. _ Collective Naturalization If the applicant Applicant cannot present one of the documents listed in A or B above, the following will establish USU.S. citizenship for collectively naturalized individuals: 1. ____Puerto Rico (PR): Evidence of birth in PR on or after April 11, 1899, and the applicants' Applicant's

January 13, 1941; or

take an oath of allegiance to Spain;

statement that he or she was residing in the US, U.S., a USU.S. possession, or PR on

Evidence that the applicant was a PR citizen and the applicant's Applicant's statement that he or she was residing in PR on March 1, 1917; and that he or she did not

2. US U.S. Virgin Islands:

Evidence of birth in the <u>USU.S.</u> Virgin Islands (<u>VIUSVI</u>) and the <u>applicant's Applicant's</u> statement of residence in the <u>US,U.S.</u> a <u>USU.S.</u> possession, or the <u>US VIUSVI</u> on February 25, 1927;

The applicant's Applicant's statement indicating residence in the US VIUSVI as a Danish citizen on January 17, 1917and 1917, and that he or she did not make a declaration to maintain Danish citizenship-; or

Evidence of birth in the <u>US VIUSVI</u> and the <u>applicant's Applicant's</u> statement indicating residence in the <u>US, USU.S., U.S.</u> Possession or Territory or the Canal Zone on June 28, 1932.

3.-____Northern Mariana Islands (NMI) (formerly part of the Trust Territory of the Pacific Islands_ (TTPI):)):

Evidence of birth in <u>the_NMI</u>, TTPI citizenship and residence in the NMI, the <u>US,U.S.</u>, or a <u>USU.S.</u> territory or possession on November 3, 1986 (NMI local time)_and the <u>applicant's Applicant's</u> statement that he or she did not owe allegiance to a foreign state on November 4, 1986 (NMI local time);

Evidence of TTPI citizenship, continuous residence in the NMI since before November 3, 1981_(NMI local time), voter registration prior to January 1, 1975, and the applicant's Applicant's statement that he or she did owe allegiance to a foreign state on November 4, 1986 (NMI local time);); or

Evidence of continuous domicile in the NMI since before January 1, 1974, and the applicant's Applicant's statement that he or she did not owe allegiance to a foreign state on November 4, 1986 (NMI local time).

Note: If a person entered the NMI as a nonimmigrant and lived in the NMI since January 1, 1974, this does not constitute continuous domicile, and the individual is not a USU.S. citizen.

E. _Derivative Citizenship

If the <u>applicant Applicant</u> cannot present one of the above documents, you should make a determination of <u>Derivative USderivative U.S.</u> citizenship in the following situations:

Applicant born abroad to two USU.S. citizen parents:

Evidence of USU.S. citizenship of the parents and the relationship of the applicantApplicant to the parents, and the evidence that at least one parent resided in the USU.S. or an outlying possession prior to the applicant's birth.

Applicant born abroad to a USU.S. citizen parent and a USU.S. non-citizen national parent:

Evidence that one parent is a <u>USU.S.</u> citizen and the other is a <u>USU.S.</u> non-citizen national, evidence of the relationship of the <u>applicantApplicant</u> to the <u>USU.S.</u> citizen parent, and the evidence <u>that</u> the <u>USU.S.</u> citizen parent resided in the <u>USU.S.</u> a <u>USU.S.</u>

possession, American Samoa or Swain's Island for a period of at least one year prior to the applicant's Applicant's birth.

Applicant born out of wedlock abroad to a USU.S. citizen mother:

Evidence of USU.S. citizenship of the mother, evidence of the relationship to the applicantApplicant and, for births on or before December 24, 1952, evidence that the mother resided in the USU.S. prior to the applicant's Applicant's birth or, for births after December 24, 1952, evidence that the mother hashad resided, prior to the child's birth, in the USU.S. possession for a period of one year.

Applicant born in the Canal Zone or the Republic of Panama:

A birth certificate showing birth in the Canal Zone on or after February 26, 1904, and before October 1, 1979, and evidence that one parent was a USU.S. citizen at the time of the applicant's Applicant's birth; or

or

A birth certificate showing birth in the Republic of Panama on or after February 26, 1904, and before October 1, 1979, and evidence that at least one parent was a USU.S. citizen and employed by the USU.S. government or the Panama Railroad Company or its successor in title;

All other situations where an applicant claims to have a USU.S. citizen parent and an alien parent, or claims to fall within one of the above categories but is unable to present the listed documentation:

If the applicantApplicant is in the US, U.S., refer him or her to the local INSU.S. Citizenship and Immigration Services (USCIS) office for determination of USU.S. citizenship;

If the $\frac{applicant}{Applicant}$ is outside the $\frac{US,U.S.}{A}$, refer him or her to the State Department for a $\frac{USU.S.}{A}$ citizenship determination.

F. _Adoption of Foreign-Born Child by USU.S. Citizen:

If the birth certificate shows a foreign place of birth and the applicant cannot be determined to be a naturalized citizen under any of the above criteria, obtain other evidence of USU.S. citizenship;

Since foreign_born adopted children do not automatically acquire <u>U.S.</u> citizenship by virtue of adoption by <u>USU.S.</u> citizens, refer the <u>applicantApplicant</u> to the local <u>INSUSCIS</u> district office for a determination of <u>USU.S.</u> citizenship if the <u>applicantApplicant</u> provides no evidence of <u>USU.S.</u> citizenship [the law changed several years ago to allow such children to obtain automatic citizenship].

G. U.S. Citizenship By Marriage

A woman acquired USU.S. citizenship through marriage to a USU.S. citizen before September 22, 1922.

Note: If the husband was an alien at the time of the marriage and became naturalized before September 22, 1922, the wife also acquired naturalized citizenship. If the marriage terminated, the wife maintained her <u>U.S.</u> citizenship if she was residing in the <u>USU.S.</u> at <u>the that</u> time and continued to reside in the <u>USU.S</u>.

H. _ Applicants with Disabilities and Non-discrimination

If an applicant has a disability that limits the applicant's ability to provide the required evidence of citizenship or nationality (e.g. mental retardation, amnesia, or other cognitive, mental or physical impairment), you should make every effort to assist the individual to obtain the required evidence. In addition, you should not discriminate against applicants_Applicants on the basis of race, national origin, gender, religion, age or disability. See Non-discrimination Advisory, Attachment 2 to Interim Guidanceof the AG Order.

ATTACHMENT B

For specific detailed descriptions of the Immigration Documents referred to below see Exhibit A to Attachment 5 of US AG Order.

Instructions:

THE FOLLOWING LIST DOES NOT INCLUDE ALL DOCUMENTS THAT MAY BE ACCEPTED TO ESTABLISH LAWFUL PRESENCE - SEE ALSO RULE 5, SUBSECTIONS 2.1.3 THRU 2.1.6.

The documents listed below, will<u>if not expired</u>, when combined with satisfactory proof of identity (which will come from the document itself if it bears a photograph of the person to whom it relates), establish that an applicant falls within one of the categories of "qualified alien" Applicant is lawfully present for purposes of title IV this rule. For specific detailed descriptions of the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, as amended by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996 Documents referred to below see Exhibit A to Attachment 5 of the AG Order.

Each of the documents listed below will demonstrate lawful status and you should not require-presentation of a registration document if the applicant presents one of the other legally-acceptable documents that reasonably appears on its face to be genuine and to relate to the-person presenting it. However, if the document presented is not a registration document and doesnot on its face reasonably appear to be genuine or to relate to the person presenting it, it is-appropriate to ask the applicant to produce his or her registration document as additional evidence of immigration status so long as the request is not made for a discriminatory reason.

Presentation of a registration document listed below that reasonably appears on its face to begenuine and to relate to the person presenting it (or to satisfy higher applicable standards) will often obviate the need to verify the applicant's immigration status with the INS; if the applicant presents a registration document that does not meet this standard, sending the INS a copy of the document will assist it in verifying the applicants' status quickly and accurately.

Alien Lawfully Admitted for Permanent Residence

- 1. INS_ Form I-551 (Alien Registration Receipt Card, commonly called or known as a "green card";"); or
- 2. _Unexpired Temporary I-551 Stampstamp in foreign passport or on INS-Form I-94.

Asylee

- 3. INS form Form I-94 annotated with stamp showing grant of asylum under section 208 of the Immigration and Nationality Act (INA):
- 4. INS_ Form I-688B (Employment Authorization Card) annotated "274a.12(a)(5)")";
- 5. INS From Form I-776 (Employment Authorization Document) annotated "A5" or";

6.-_Grant Letter from the Asylum Office or INSUSCIS; or 7. Order of an immigration judge granting asylum. Refugee 7. INS-8. Form I-94 annotated with stamp showing admission under Section 207 of the INA; Form I-688B (Employment Authorization Card) annotated "274a.12(a)(3)")"; or 8. INS-9. 9. INS-10. Form I-766 (Employment Authorization Document) annotated "A3"; or 11. 10. INS Form I-571 (Refugee Travel Document). Alien Paroled into the USU.S. for a Least One Year 12. 11. INS Form I-94 with stamp showing admission for at least one year under Section 212(d) (5) of the INA. (Applicant cannot aggregate periods of admission for less than one year to meet the one-year requirement). Alien whose Whose Deportation or Removal Was Withheld Form I-688B (Employment Authorization Card) annotated 274a.12(a)(10): 12. INS-13. 14. 13. INS-Form I-766 (Employment Authorization Document) annotated "A10"; or 15. 14. Order from an immigration Judgejudge showing deportation withheld under Section 243(h) of the INA as in effect prior to April 1, 1997, or removal withheld under Section 241(b) (3) of the INA. Alien Granted Conditional Entry 15. INS 16. Form I-94 with stamp showing admission under Section 203(a)(7) of the INA: 17. 16. INS-Form I-688B (Employment Authorization Card) annotated "A3"274a.12(a)(3)"; or 18. 17. INS-Form I-766 (Employment Authorization Document) annotated "A3"... Cuban-/Haitian Entrant 19. 18. INS-Form I-551 (Alien Registration Receipt Card, commonly known as the "Green Card"a. "green card,") with the code CU6, CU7, or CH6; 20. 19. Unexpired temporary I-551 stamp in foreign passport or on INS-Form I-94 with the code CU6, CU7, or CH6CU7; 21. 20. INS-Form I-94 with stamp showing parole as "Cuba/Haitian Entrant" under Section 212(d) (5) of the INA. Alien Who has Has Been Battered or Subjected to Extreme Cruelty

See Attachment 5, Exhibit B, at Section II, of the AG Order No. 2129-97.

The documentation for Violence Against Women Act self--petitioners is the **INSUSCIS** issued "Notice of Prima Facie Determination" or "Notice of Approval".

NOTES:

Expired or Absent Documentation

If an applicantApplicant presents expired documents or is unable to present any documentation evidencing his or her immigration status, refer the applicantApplicant to the local INSUSCIS office to obtain documentation of status. In unusual circumstances involving applicantsApplicants who are hospitalized or medically disabled, or who can otherwise show good cause for their inability to present documentation and for whom securing such documentation would constitute undue hardship, if the applicantApplicant can provide an alien registration number, you may file INS Form G-845 and Supplement, along with the alien registration number and a copy of any expired INSUSCIS document_presented, with the local INSUSCIS office to verify status.

Receipt for Replacement Document

If an applicant presents a receipt indicating that he or she has applied to the INS-USCIS for a replacement document for one of the deesdocuments identified above, file INS-USCIS office to verify status. Upon return receipt of information from INSUSCIS, confirm that it pertains to the applicant whose identity you have verified. You should ask to see the Replacement document at a later date.

Applicants with Disabilities

If an applicant has a disability that limits the <a href="mailto:applicant's Applicant's Applicant's Applicant's Applicant's Applicant's ability to provide the required evidence of immigration status (e.g., mental retardation, amnesia, or other cognitive, mental, or physical impairment), you should make every effort to assist the individual to obtain the required evidence.

In addition, you should not discriminate against applicants on the basis of race, national origin, gender, religion, age, or disability.

Editor's Notes

History

Emer. entire rule eff. 08/01/2006. Emer. sections 2 - 3 Eff. 08/07/2006. Perm. entire rule eff. 08/01/2007

DEPARTMENT OF REVENUE

EVIDENCE OF LAWFUL PRESENCE

1 CCR 204-30 - Rule 5

[Editor's Notes follow the text of the rules at the end of this CCR Document.]

BASIS: This rule is promulgated under the authority of section 24-76.5-103, C.R.S.

PURPOSE: The following rule is promulgated to provide a list of documents recognized by the federal government to prove lawful presence, and to establish a waiver process to ensure that those persons seeking federal public benefits or state and local public benefits, who prove lawful presence in the United States, receive authorized public benefits.

1. Definitions

- 1.1 Applicant A natural person eighteen years of age or older seeking non-exempt Public Benefits. Reference to Applicant includes actions through the Designated Representative, defined below.
- 1.2 Benefit Agency An agency or political subdivision of the State of Colorado that administers, determines eligibility for, or assists persons in applying for Public Benefits.
- 1.3 Department Means the Department of Revenue.
- 1.4 Designated Representative A natural person submitting a Request for Waiver on behalf of an Applicant.
- 1.5 Public Benefit For purposes of this Rule, "Public Benefit" means "federal public benefit" and "state and local benefit" as those terms are defined in 8 U.S.C. secs. 1611 and 1621, respectively.
- 1.6 Request for Waiver Means form DR 4678 "Request for Waiver Restrictions on Public Benefits" completed by an Applicant seeking a determination of lawful presence by the Department after a Benefit Agency has been unable to verify the Applicant's lawful presence.
- 1.7 Systematic Alien Verification for Entitlements ("SAVE") A web-based service administered by the U.S Citizenship and Immigration Service to assist federal, state, and local benefit-issuing agencies, institutions, and licensing bureaus in determining the immigration status of benefit applicants.
- 1.8 Valid Colorado driver license or a valid Colorado identification card For purposes of section 24-76.5-103(4)(a)(I), C.R.S., means a current Colorado driver license, minor driver license, commercial driver license, restricted driver license, instruction permit, or identification card, but does not include a document issued pursuant to part 5 of article 2 of title 42 that state on the front of the document that it is "NOT VALID FOR FEDERAL IDENTIFICATION, VOTING, OR PUBLIC BENEFIT PURPOSES".
- 1.9 Waiver Means a Department decision that an Applicant has proven lawful presence by means other than the document requirements under subsection 2.1 of this Rule.

2. Verification Requirements

- 2.1 A first time Applicant or an Applicant seeking to reapply for Public Benefits on or after August 1, 2006, must execute the affidavit required in section 24-76.5-103(4)(b) C.R.S., and demonstrate lawful presence by providing:
 - 2.1.1 A document listed in section 24-76.5-103(4)(a) C.R.S. (2014);
 - 2.1.2 In the case of a resident of another state, the driver license or a state-issued identification card from the Applicant's state of residence, if that state requires that the Applicant prove lawful presence prior to issuance of the license or identification card;
 - 2.1.3 A document listed in the Code of Federal Regulations (CFR) as providing proof of lawful presence;
 - 2.1.4 A document listed in Attachments A and B, incorporated herein and made part of this Rule;
 - 2.1.5 Any document authorized as proof of lawful presence pursuant to the statutes, regulations, or agency guidance governing the Benefit Agency; or
 - 2.1.6 Any document recognized by the Federal government as proof of lawful presence that is not listed or referenced within this Rule.

3. Waiver Process

- 3.1 An Applicant who has been denied a Public Benefit by a Benefit Agency because the Applicant could not provide a document listed or referenced in this Rule may request that the Department grant the Applicant a Waiver by submitting a Request for Waiver and a copy of the document from the Benefit Agency denying benefits unless unavailable.
 - 3.1.1 The Request for Waiver may be completed and/or submitted by an Applicant or by the Applicant's Designated Representative.
 - 3.1.2 The Request for Waiver must be accompanied by all documents the Applicant wants the Department to consider to prove lawful presence.
 - 3.1.3 The Applicant must submit the Request for Waiver to the Colorado Department of Revenue, Division of Motor Vehicles or any Colorado Department of Revenue, Division of Motor Vehicles Driver License office and send a copy to the Benefit Agency.
- 3.2 Pursuant to section 24-76.5-103(5)(a), C.R.S., the Department may grant an Applicant's Request for Waiver of the requirement that the Applicant prove lawful presence through the documents referenced in subsection 2.1 of this Rule if the Department determines that the Applicant has proven lawful presence by other means.
- 3.3 Subsequent to receipt of a Request for Waiver, the Department will make a determination of the lawful presence of the Applicant and will issue a Waiver or a Notice of Denial of Waiver. The Waiver or a Notice of Denial of Waiver will be mailed to the Applicant at the address provided on the Request for Waiver.

4. Denial of Request for Waiver

4.1 Reasons for denial of a Request for Waiver include, but are not limited to:

- 4.1.1 The ("SAVE") verification fails to clear the Applicant; or
- 4.1.2 The documents presented by the Applicant appear to have been tampered with, altered, or otherwise not genuine; or
- 4.1.3 The statements and/or documents provided are inconsistent and the Applicant is unable to reasonably explain the inconsistencies.

5. Hearing and Final Agency Action

- An Applicant, or his or her Designated Representative, may, within 60 days of the date of mailing of a Notice of Denial, or any Benefit Agency may, within 60 days of the date of mailing of a Waiver, request a hearing on the Department's decision by filing a written request for hearing with the Hearings Division of the Department at 1881 Pierce St. #106, Lakewood, CO 80214.
- 5.2 Hearings shall be held in accordance with the provisions of the State Administrative Procedure Act and the provisions of title 42 of Colorado Revised Statutes.
- 5.3 The only issues at hearing will be whether and when the Applicant has established lawful presence in the United States by a preponderance of the evidence.
 - 5.3.1 The Hearing Officer may consider any credible evidence, whether documents, witnesses, or other evidence offered by any party. For purposes of this rule, "party" means the Applicant, the Department, or any Benefit Agency.
 - 5.3.2 If the Hearing Officer cannot determine the actual date that the Applicant became lawfully present in the United States, the Applicant shall be deemed lawfully present as of the date provided by the statutes, regulations, or agency guidance governing the Benefit Agency, or if none, as of the date the original application denied was filed with the Benefit Agency.
- 5.4 The Hearing Officer shall issue an Initial Decision within 15 business days of the completion of the hearing. If the Hearing Officer finds that the Applicant has not established lawful presence, then if a Denial of Waiver was previously issued, the Denial of Waiver will be sustained, or if a Waiver was previously granted, the Waiver will be rescinded. If the Hearing Officer finds that the Applicant is lawfully present, then if a Denial of Waiver was previously issued, the Denial of Waiver will be rescinded and the Department will be directed to issue a Waiver, or a Waiver was previously issued, the Waiver will be sustained.
- 5.5 Administrative Hearing Appeals/Exceptions to Initial Decision.
 - Exception(s) Process. Any party may appeal an Initial Decision pursuant to the Colorado Administrative Procedure Act by filing written exception(s) with the Executive Director within 30 days after the date of mailing of the Initial Decision to the Applicant, the Benefit Agency, and the Department. The address of the Executive Director is: Department of Revenue, Executive Director, 1375 Sherman Street, 4th Floor, Denver, CO 80203.
 - 5.5.2 The written exception(s) must include a statement giving the basis and grounds for the exception(s). A party who fails to properly file written exception(s) within the time provided in this Rule is deemed to have waived the right to an appeal. A copy of the

- exception(s) must be served on all parties by personal service or via U.S. Mail, first class postage-prepaid. Any other party may file a response to the written exceptions within 21 days of the date on which the party appealing mailed or personally served written exceptions.
- 5.5.3 Designation of Record. The party filing an appeal must file a designation of the record with the Executive Director within 20 days after the mailing of the Initial Decision. The designation of the record must designate those parts of the record and the hearing transcript that the party appealing wishes to have considered on appeal. The Department will arrange for the transcription of the hearing upon written request and payment in advance of the costs therefore by the party appealing the Initial Decision. The party appealing the Initial Decision must serve a copy of the designation on all parties by personal service or via U.S. Mail, first class postage-prepaid. Within 10 days after such service, any other party may file a designation of additional parts of the record and the hearing transcript to be considered and must advance the cost therefore. A copy of the additional designation of record must be served on all parties. No transcript is required if the review is limited to a pure question of law. Any party who fails to properly file a designation or additional designation of the record within the time provided in these Rules is deemed to have waived the right to file such designation.
- 5.5.3 Deadline Modifications. The Executive Director may modify deadlines and procedures related to the filing of exceptions to the Initial Decision upon motion by either party for good cause shown.
- 5.5.4 No Oral Argument. No oral argument will be allowed.
- 5.5.5 The Executive Director will issue a final decision within 30 days following the later of the date on which all pleadings have been filed or all motions have been resolved. If the Executive Director does not issue a final decision within 30 days, the Initial Decision will be deemed the final decision of the Executive Director, effective as of 30th day after the date of the Initial Decision. The final decision is final agency action for all purposes, and is subject to judicial review as provided in section 24-4-106, C.R.S.
- An appeal under this Rule does not toll or otherwise affect any Benefit Agency appeal or other procedure or process unless expressly authorized by the Benefit Agency.

6. General Provisions

- 6.1 Each Benefit Agency is responsible for verifying that the Applicant is the same individual indicated as the person who received a Waiver.
- 6.2 Waivers may be cancelled by the Department, if the Department subsequently determines that the Applicant was not or is not lawfully present. Upon cancelling a Waiver, the Department will notify the Applicant and appropriate Benefit Agencies.
- A person whose Waiver has been cancelled by the Department may appeal the Department's decision by requesting a hearing within 60 days following the mailing date of the notice cancelling the Waiver. The person must submit a written request for hearing to the Hearings Division of the Department at 1881 Pierce St. #106, Lakewood, CO 80214.

6.4 Waivers issued by the Department since August 1, 2006, but prior to approval of this Rule, will continue in effect unless expired, or cancelled by the Department7.1 The materials in this Rule incorporated by reference do not include later amendments to or editions of the materials. The materials incorporated in this Rule are on file and available for inspection by contacting the Driver License Section of the Department of Revenue in person at, 1881 Pierce Street, Room 128, Lakewood, Colorado, 80214, or by telephone at 303-205-5600, and copies of the materials may be examined at any state publication depository library.

ATTACHMENT A

THE FOLLOWING LIST DOES NOT INCLUDE ALL DOCUMENTS THAT MAY BE ACCEPTED TO ESTABLISH LAWFUL PRESENCE - SEE ALSO RULE 5, SUBSECTIONS 2.1.3 THRU 2.1.6.

The following documents are acceptable as proof of lawful presence pursuant to AG Order Number 2129-97, Federal Register, Vol. 62, No. 221, November 17, 1997, incorporated herein by reference (the "AG Order").

A. Primary Evidence

One of the following documents - when combined with satisfactory proof of identification – demonstrates that the Applicant is a U.S. citizen or non-citizen national. Identity can be proven by these same documents if they bear a picture of the Applicant:

- 1. Copy of Applicant's birth certificate from any state, the District of Columbia, or all United States territories;
- 2. United States Passport, except for "limited" passports, issued for less than five years;
- 3. Report of Birth Abroad of a United States Citizen, form FS-240;
- 4. Certificate of Birth issued by a foreign service post (FS-545) or Certification of Report of Birth (DS-1350). These are available from the Department of State;
- 5. Certification of Naturalization (N-550 or N-570). The N-570 is issued upon loss or damage to the original document or following an individual's name change;
- 6. Certificate of Citizenship (N-560 or N-561). This document is issued to those persons who derive U. S. citizenship through a parent. The N-561 is issued upon loss or damage of the original document or following an individual's name change;
- 7. U. S. Citizen Identification Card (I-197), last issued in 1983, or Form I-179, last issued in 1974.
- 8. Northern Mariana Identification Card. Those born in the Northern Mariana Islands prior to November 3, 1986, were collectively naturalized;
- 9. Statement provided by a U.S. consular officer certifying that the individual is a U.S. citizen. (This document is provided to an individual born outside the U.S. who derived citizenship through a parent but does not have form FS-240, FS-545 or DS-1350);

10. American Indian Card with classification code "KIC" and a statement on the back (identifying U.S. citizen members of the Texas Band of Kickapoos living near the U.S./Mexican border).

B. Secondary Evidence

If the Applicant cannot present one of the documents listed above, the following may be relied upon to establish U.S. citizenship or nationality:

- Religious record recorded in one of the 50 states, the District of Columbia and U.S. territories, within three months after birth, showing that the birth occurred in such jurisdiction, and the date of the birth or the individual's age at the time the record was made;
- 2. Evidence of civil service employment by the U.S. Government before June 1, 1976;
- Early school records (preferably from the first school) showing the date of admission to the school, the child's date and place of birth and the names and places of birth of the parents;
- 4. Census record showing name, U.S. citizenship or a U.S. place of birth or age of Applicant;
- 5. Adoption Finalization Papers showing the child's name and place of birth in one of the 50 states, Washington D.C., or U.S. territories or, where the adoption is not finalized and the State or other jurisdiction listed above in which the child was born will not release a birth certificate prior to final adoption, a statement from a state-approved adoption agency showing the child's name and place of birth in one of such jurisdictions (NOTE: the source of the information must be an original birth certificate and must be indicated in the statement); or
- 6. Any other documents that establish a U.S. place of birth or in some way indicates U.S. citizenship.
- C. If an individual is unable to present any of the above documents, the following options are available:
 - Accept a written declaration, made under penalty of perjury, and possibly subject to later verification of status, from one or more third parties, indicating a reasonable basis for personal knowledge that the Applicant is a U.S. citizen or non-citizen national.
 - Accept the Applicant's written declaration, made under penalty of perjury and possibly subject to later verification of status, that he or she is a U.S. citizen or non-citizen national.

Note: These options (C 1 and C 2) should be used with caution in appropriate circumstances. For example, before using these options, a provider might require the Applicant to demonstrate why a document evidencing that he or she is a U.S. citizen or non-citizen national does not exist or cannot be readily obtained.

D. Collective Naturalization

If the Applicant cannot present one of the documents listed in A or B above, the following will establish U.S. citizenship for collectively naturalized individuals:

1. Puerto Rico (PR):

Evidence of birth in PR on or after April 11, 1899, and the Applicant's statement that he or she was residing in the U.S., a U.S. possession, or PR on January 13, 1941; or

Evidence that the Applicant was a PR citizen and the Applicant's statement that he or she was residing in PR on March 1, 1917; and that he or she did not take an oath of allegiance to Spain.

2. U.S. Virgin Islands:

Evidence of birth in the U.S. Virgin Islands (USVI) and the Applicant's statement of residence in the U.S., a U.S. possession, or the USVI on February 25, 1927;

The Applicant's statement indicating residence in the USVI as a Danish citizen on January 17, 1917, and that he or she did not make a declaration to maintain Danish citizenship; or

Evidence of birth in the USVI and the Applicant's statement indicating residence in the U.S., U.S. Possession or Territory or the Canal Zone on June 28, 1932.

3. Northern Mariana Islands (NMI) (formerly part of the Trust Territory of the Pacific Islands (TTPI)):

Evidence of birth in the NMI, TTPI citizenship and residence in the NMI, the U.S., or a U.S. territory or possession on November 3, 1986 (NMI local time) and the Applicant's statement that he or she did not owe allegiance to a foreign state on November 4, 1986 (NMI local time);

Evidence of TTPI citizenship, continuous residence in the NMI since before November 3, 1981 (NMI local time), voter registration prior to January 1, 1975, and the Applicant's statement that he or she did owe allegiance to a foreign state on November 4, 1986 (NMI local time); or

Evidence of continuous domicile in the NMI since before January 1, 1974, and the Applicant's statement that he or she did not owe allegiance to a foreign state on November 4, 1986 (NMI local time).

Note: If a person entered the NMI as a nonimmigrant and lived in the NMI since January 1, 1974, this does not constitute continuous domicile, and the individual is not a U.S. citizen.

E. Derivative Citizenship

If the Applicant cannot present one of the above documents, you should make a determination of derivative U.S. citizenship in the following situations:

Applicant born abroad to two U.S. citizen parents:

Evidence of U.S. citizenship of the parents and the relationship of the Applicant to the parents, and evidence that at least one parent resided in the U.S. or an outlying possession prior to the Applicant's birth.

Applicant born abroad to a U.S. citizen parent and a U.S. non-citizen national parent:

Evidence that one parent is a U.S. citizen and the other is a U.S. non-citizen national, evidence of the relationship of the Applicant to the U.S. citizen parent, and the evidence that the U.S. citizen parent resided in the U.S., a U.S. possession, American Samoa or Swain's Island for a period of at least one year prior to the Applicant's birth.

Applicant born out of wedlock abroad to a U.S. citizen mother:

Evidence of U.S. citizenship of the mother, evidence of the relationship to the Applicant and, for births on or before December 24, 1952, evidence that the mother resided in the U.S. prior to the Applicant's birth or, for births after December 24, 1952, evidence that the mother had resided, prior to the child's birth, in the U.S. or a U.S. possession for a period of one year.

Applicant born in the Canal Zone or the Republic of Panama:

A birth certificate showing birth in the Canal Zone on or after February 26, 1904, and before October 1, 1979, and evidence that one parent was a U.S. citizen at the time of the Applicant's birth; or

A birth certificate showing birth in the Republic of Panama on or after February 26, 1904, and before October 1, 1979, and evidence that at least one parent was a U.S, citizen and employed by the U,S, government or the Panama Railroad Company or its successor in title.

All other situations where an Applicant claims to have a U.S. citizen parent and an alien parent, or claims to fall within one of the above categories but is unable to present the listed documentation:

If the Applicant is in the U.S., refer him or her to the local U.S. Citizenship and Immigration Services (USCIS) office for determination of U.S. citizenship;

If the Applicant is outside the U.S., refer him or her to the State Department for a U.S. citizenship determination.

F. Adoption of Foreign-Born Child by U.S. Citizen:

If the birth certificate shows a foreign place of birth and the Applicant cannot be determined to be a naturalized citizen under any of the above criteria, obtain other evidence of U.S. citizenship;

Since foreign-born adopted children do not automatically acquire U.S. citizenship by virtue of adoption by U.S. citizens, refer the Applicant to the local USCIS district office for a determination of U.S. citizenship if the Applicant provides no evidence of U.S. citizenship [the law changed several years ago to allow such children to obtain automatic citizenship].

G. U.S. Citizenship By Marriage

A woman acquired U.S. citizenship through marriage to a U.S. citizen before September 22, 1922.

Note: If the husband was an alien at the time of the marriage and became naturalized before September 22, 1922, the wife also acquired naturalized citizenship. If the marriage terminated, the wife maintained her U.S. citizenship if she was residing in the U.S. at that time and continued to reside in the U.S.

H. Applicants with Disabilities and Non-discrimination

If an Applicant has a disability that limits the Applicant's ability to provide the required evidence of citizenship or nationality (e.g. mental retardation, amnesia, or other cognitive, mental or physical impairment), you should make every effort to assist the individual to obtain the required evidence. In addition, you should not discriminate against Applicants on the basis of race, national origin, gender, religion, age or disability. See Non-discrimination Advisory, Attachment 2 of the AG Order.

ATTACHMENT B

THE FOLLOWING LIST DOES NOT INCLUDE ALL DOCUMENTS THAT MAY BE ACCEPTED TO ESTABLISH LAWFUL PRESENCE - SEE ALSO RULE 5, SUBSECTIONS 2.1.3 THRU 2.1.6.

The documents listed below, if not expired, when combined with satisfactory proof of identity (which will come from the document itself if it bears a photograph of the person to whom it relates), establish that the Applicant is lawfully present for purposes of this rule. For specific detailed descriptions of the Immigration Documents referred to below see Exhibit A to Attachment 5 of the AG Order.

Alien Lawfully Admitted for Permanent Residence

- Form I-551 (Alien Registration Receipt Card, commonly called or known as a "green card");
 or
- 2. Unexpired Temporary I-551 stamp in foreign passport or on Form I-94.

Asylee

- 3. Form I-94 annotated with stamp showing grant of asylum under section 208 of the Immigration and Nationality Act (INA);
- 4. Form I-688B (Employment Authorization Card) annotated "274a.12(a)(5)";
- 5. Form I-776 (Employment Authorization Document) annotated "A5";
- 6. Grant Letter from the Asylum Office or USCIS; or
- 7. Order of an immigration judge granting asylum.

Refugee

- 8. Form I-94 annotated with stamp showing admission under Section 207 of the INA;
- 9. Form I-688B (Employment Authorization Card) annotated "274a.12(a)(3)"; or
- 10. Form I-766 (Employment Authorization Document) annotated "A3"; or
- 11. Form I-571 (Refugee Travel Document).

Alien Paroled into the U.S. for a Least One Year

12. Form I-94 with stamp showing admission for at least one year under Section 212(d)(5) of the INA. (Applicant cannot aggregate periods of admission for less than one year to meet the one-year requirement).

Alien Whose Deportation or Removal Was Withheld

13. Form I-688B (Employment Authorization Card) annotated 274a.12(a)(10);

- 14. Form I-766 (Employment Authorization Document) annotated "A10"; or
- 15. Order from an immigration judge showing deportation withheld under Section 243(h) of the INA as in effect prior to April 1, 1997, or removal withheld under Section 241(b)(3) of the INA.

Alien Granted Conditional Entry

- 16. Form I-94 with stamp showing admission under Section 203(a)(7) of the INA;
- 17. Form I-688B (Employment Authorization Card) annotated "274a.12(a)(3)"; or
- 18. Form I-766 (Employment Authorization Document) annotated "A3".

Cuban/Haitian Entrant

- 19. Form I-551 (Alien Registration Receipt Card, commonly known as a "green card,") with the code CU6, CU7, or CH6;
- 20. Unexpired temporary I-551 stamp in foreign passport or on Form I-94 with the code CU6 or CU7;
- 21. Form I-94 with stamp showing parole as "Cuba/Haitian Entrant" under Section 212(d)(5) of the INA.

Alien Who Has Been Battered or Subjected to Extreme Cruelty

See Attachment 5, Exhibit B, Section II, of the AG Order.

The documentation for Violence Against Women Act self-petitioners is the USCIS issued "Notice of Prima Facie Determination" or "Notice of Approval".

NOTES:

Expired or Absent Documentation

If an Applicant presents expired documents or is unable to present any documentation evidencing his or her immigration status, refer the Applicant to the local USCIS office to obtain documentation of status. In unusual circumstances involving Applicants who are hospitalized or medically disabled, or who can otherwise show good cause for their inability to present documentation and for whom securing such documentation would constitute undue hardship, if the Applicant can provide an alien registration number, you may file Form G-845 and Supplement, along with the alien registration number and a copy of any expired USCIS document presented, with the local USCIS office to verify status.

Receipt for Replacement Document

If an Applicant presents a receipt indicating that he or she has applied to the USCIS for a replacement document for one of the documents identified above, file Form G-845 and Supplement along with a copy of the receipt with the local USCIS office to verify status. Upon return receipt of information from USCIS, confirm that it pertains to the Applicant whose identity you have verified. You should ask to see the replacement document at a later date.

Applicants with Disabilities

If an Applicant has a disability that limits the Applicant's ability to provide the required evidence of immigration status (e.g., mental retardation, amnesia, or other cognitive, mental, or physical impairment), you should make every effort to assist the individual to obtain the required evidence.

In addition, you should not discriminate against Applicants on the basis of race, national origin, gender, religion, age, or disability.

Notice of Proposed Rulemaking		
Tracking number		
2016-00075		
Department		
400 - Department of Natural Resources		
Agency		
405 - Colorado Parks and Wildlife (405 Series, Parks)		
CCR number		
2 CCR 405-1		
Rule title CHAPTER P-1 - PARKS AND OUTDOOR RECREATION LANDS		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216		
Subjects and issues involved CHAPTER P-1 - PARKS AND OUTDOOR RECREATION LANDS - see attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

Colorado Register, Vol. 39, No. 3, February 10, 2016

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14.5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

Open for consideration to amending the regulations pertaining to citizen petitions requesting to unregulate, list, or delist a species within Chapter W-11.

Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

The process for placing matters on the Consent Agenda is as follows:

The Director identifies matters where the recommended action follows established policy or precedent, there has been agreement reached or the matter is expected to be uncontested and non-controversial.

Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Proposed Rulemaking

Tracking number		
2016-00076		
Department		
400 - Department of Natural Resources		
Agency		
405 - Colorado Parks and Wildlife (405 Series, Parks)		
CCR number		
2 CCR 405-2		
Rule title CHAPTER P-2 - BOATING		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216		
Subjects and issues involved CHAPTER P-2 - BOATING - See Attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

303-866-3203 x 4625

danielle.isenhart@state.co.us

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14.5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

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Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

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- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
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- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
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- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

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The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

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Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

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Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Proposed Rulemaking

Notice of Proposed Rulemaking			
Tracking number			
2016-00077			
Department			
400 - Department of Natural Resources			
Agency			
405 - Colorado Parks and Wildlife (405 Series, Parks)			
CCR number	CCR number		
2 CCR 405-3			
Rule title CHAPTER P-3 - RIVER OUTFITTERS			
Rulemaking Hearing			
Date	Time		
03/09/2016	08:00 AM		
Location Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216			
Subjects and issues involved CHAPTER P-3 - RIVER OUTFITTERS - See attached			
Statutory authority see attached			
Contact information			
Name	Title		
Danielle Isenhart	Regulations Manager		
Telephone	Email		

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14.5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

Open for consideration to amending the regulations pertaining to citizen petitions requesting to unregulate, list, or delist a species within Chapter W-11.

Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

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Notice of Proposed Rulemaking

Notice of Proposed Rulemaking		
Tracking number		
2016-00078		
Department		
400 - Department of Natural Resources		
Agency		
405 - Colorado Parks and Wildlife (405 Series, Parks)		
CCR number		
2 CCR 405-4		
Rule title CHAPTER P-4 - SNOWMOBILE REGULAT	TIONS	
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216	
Subjects and issues involved CHAPTER P-4 - SNOWMOBILE REGULATIONS - See attachment		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

danielle.isenhart@state.co.us

303-866-3203 x 4625

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FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

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Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

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- Prohibiting any SWA user from blocking or impeding any boat ramp.
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Notice of Frope	Dea Rulemaking	
Tracking number		
2016-00079		
Department		
400 - Department of Natural Resources		
Agency		
405 - Colorado Parks and Wildlife (405 Series, Parks)		
CCR number		
2 CCR 405-5		
Rule title CHAPTER P-5 - OFF-HIGHWAY VEHICLE	REGULATIONS	
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216		
Subjects and issues involved CHAPTER P-5 - OFF-HIGHWAY VEHICLE REGULATIONS - See attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

303-866-3203 x 4625

danielle.isenhart@state.co.us

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14.5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

Open for consideration to amending the regulations pertaining to citizen petitions requesting to unregulate, list, or delist a species within Chapter W-11.

Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

The process for placing matters on the Consent Agenda is as follows:

The Director identifies matters where the recommended action follows established policy or precedent, there has been agreement reached or the matter is expected to be uncontested and non-controversial.

Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Proposed Rulemaking

Notice of Frope	Sed Rulemaking	
Tracking number		
2016-00080		
Department		
400 - Department of Natural Resources		
Agency		
405 - Colorado Parks and Wildlife (405 Series, Pa	arks)	
CCR number		
2 CCR 405-7		
Rule title CHAPTER P-7 - PASSES, PERMITS AND F	REGISTRATIONS	
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216		
Subjects and issues involved CHAPTER P-7 - PASSES, PERMITS AND REGISTRATIONS		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

303-866-3203 x 4625

danielle.isenhart@state.co.us

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

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FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

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- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

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WILDLIFE REGULATIONS

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Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

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Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

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Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
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Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

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ISSUE IDENTIFICATION

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Notice of Proposed Rulemaking

Notice of Proposed Rulemaking		
Tracking number		
2016-00081		
Department		
400 - Department of Natural Resources		
Agency		
406 - Colorado Parks and Wildlife (406 Series, Wildlife)		
CCR number		
2 CCR 406-0		
Rule title CHAPTER W-0 - GENERAL PROVISIONS		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216		
Subjects and issues involved CHAPTER W-0 - GENERAL PROVISIONS - See attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

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FINAL REGULATIONS

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- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

Open for consideration to amending the regulations pertaining to citizen petitions requesting to unregulate, list, or delist a species within Chapter W-11.

Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

The process for placing matters on the Consent Agenda is as follows:

The Director identifies matters where the recommended action follows established policy or precedent, there has been agreement reached or the matter is expected to be uncontested and non-controversial.

Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Proposed Rulemaking

Notice of Frope	Sed Rulemaking	
Tracking number		
2016-00082		
Department		
400 - Department of Natural Resources		
Agency		
406 - Colorado Parks and Wildlife (406 Series, W	(ildlife)	
CCR number		
2 CCR 406-2		
Rule title CHAPTER W-2 - BIG GAME		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216	
Subjects and issues involved CHAPTER W-2 - BIG GAME - See attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	
303-866-3203 x 4625	danielle.isenhart@state.co.us	

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14-5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
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- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
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- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

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ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

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OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Propo	osed Rulemaking
Tracking number	
2016-00083	
Department	
400 - Department of Natural Resources	
Agency	
406 - Colorado Parks and Wildlife (406 Series, W	/ildlife)
CCR number	
2 CCR 406-3	
Rule title CHAPTER W-3 - FURBEARERS AND SMA	LL GAME EXCEPT MIGRATORY BIRDS
Rulemaking Hearing	
Date	Time
03/09/2016	08:00 AM
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216
Subjects and issues involved CHAPTER W-3 - FURBEARERS AND SMA attached	LL GAME EXCEPT MIGRATORY BIRDS - See
Statutory authority see attached	
Contact information	
Name	Title
Danielle Isenhart	Regulations Manager
Telephone	Email

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14-5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

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Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

Open for consideration to amending the regulations pertaining to citizen petitions requesting to unregulate, list, or delist a species within Chapter W-11.

Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

The process for placing matters on the Consent Agenda is as follows:

The Director identifies matters where the recommended action follows established policy or precedent, there has been agreement reached or the matter is expected to be uncontested and non-controversial.

Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Proposed Rulemaking

Notice of Frope	Sed Rulemaking	
Tracking number		
2016-00084		
Department		
400 - Department of Natural Resources		
Agency		
406 - Colorado Parks and Wildlife (406 Series, W	'ildlife)	
CCR number		
2 CCR 406-5		
Rule title CHAPTER W-5 - MIGRATORY BIRDS		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216	
Subjects and issues involved CHAPTER W-5 - MIGRATORY BIRDS - See attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14-5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

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ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

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Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

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OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Proposed Rulemaking

Notice of Frope	Sed Naterilaking	
Tracking number		
2016-00085		
Department		
400 - Department of Natural Resources		
Agency		
406 - Colorado Parks and Wildlife (406 Series, W	ildlife)	
CCR number		
2 CCR 406-9		
Rule title CHAPTER W-9 - WILDLIFE PROPERTIES		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216	
Subjects and issues involved CHAPTER W-9 - WILDLIFE PROPERTIES - See attached		
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

303-866-3203 x 4625

danielle.isenhart@state.co.us

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14-5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

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Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
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- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

Open for consideration to amending the regulations pertaining to citizen petitions requesting to unregulate, list, or delist a species within Chapter W-11.

Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

The process for placing matters on the Consent Agenda is as follows:

The Director identifies matters where the recommended action follows established policy or precedent, there has been agreement reached or the matter is expected to be uncontested and non-controversial.

Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

House of Frepe	ood Raiomaking
Tracking number	
2016-00086	
Department	
400 - Department of Natural Resources	
Agency	
406 - Colorado Parks and Wildlife (406 Series, W	ildlife)
CCR number	
2 CCR 406-11	
Rule title CHAPTER W-11 - WILDLIFE PARKS AND U	JNREGULATED WILDLIFE
Rulemaking Hearing	
Date	Time
03/09/2016	08:00 AM
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216
Subjects and issues involved CHAPTER W-11 - WILDLIFE PARKS AND U	JNREGULATED WILDLIFE - See attached
Statutory authority see attached	
Contact information	
Name	Title
Danielle Isenhart	Regulations Manager
Telephone	Email

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14.5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

^{*}Please reference the Commission agenda, to be posted on or after February 29, 2016, to ensure when each regulatory item will be addressed by the Commission. The agenda will be posted at http://cpw.state.co.us/aboutus/Pages/CommissionMeetings.aspx.

Chapter P-3 - "River Outfitters" - 2 CCR 405-3

Open for consideration of changes to regulations requiring hands-on cardiopulmonary resuscitation ("CPR") training for river guides, trip leaders, and guide instructors.

Chapter P-4 - "Snowmobile Regulations" - 2CCR 405-4

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering snowmobiles in Colorado.

Chapter P-5 – "Off-Highway Vehicle Regulations" - 2 CCR 405-5

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering OHV's in Colorado.

Chapter P-7 - "Passes, Permits and Registrations" - 2 CCR 405-7

Open for annual review of the entire chapter including, but not limited to, regulations pertaining to eligibility requirements and fees for individual and vehicle park passes; use permits; vessel, snowmobile and off-highway vehicle registrations; and license agent requirements, including, but not limited to, the following:

- Expanding eligibility for a volunteer parks pass to all CPW volunteers who have donated 48 hours of approved service within a twelve month period.
- Adding definitions of "camping/to camp", "camping unit" and "passenger vehicle" to chapter P-7.
- Making camping permits purchased before 5am, only valid until noon on the same day.
- Administrative clean-ups to camping regulations to comply with reservation system requirements.

WILDLIFE REGULATIONS

Chapter W-0 - "General Provisions" - 2 CCR 406-0

Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

Chapter W-3 - "Furbearers and Small Game, Except Migratory Birds" - 2 CCR 406-3

Open for consideration of annual changes to game bird seasons, excluding turkey, and other small game seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including the following:

- Reopening GMU 201 to greater sage-grouse hunting.
- Removing the chukar hunting closure in GMUs 9, 19, and 191.

Chapter W-5 - "Small Game and Migratory Game Birds" - 2 CCR 406-5

Open for consideration of annual changes to waterfowl and migratory bird hunting seasons and related provisions, including season dates, bag and possession limits and manner of take provisions, including, but not limited to, the following:

 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
- Allowing more vehicle parking at Brush Prairie Ponds SWA.
- Establishing a seasonal closure on Cimarron State Wildlife Area (SWA) from January 1 to June 30 to protect mating and nesting Gunnison sage grouse and wintering big game.
- Prohibiting hunting of dusky grouse and ruffed grouse on the Upper Baldy Tract of Garfield Creek SWA beginning in 2016.
- Modifying the open dates for the Grace Creek access road at Hohnholz Lake SWA.
- Removing fall boating and fishing restrictions at Jumbo Reservoir SWA and Red Lion SWA.
- Adding regulations for the Woodard Unit of the Jumping Cow SWA, including, but limited to restricting hunting and fishing access to permitted individuals only.
- Modifying regulations at Melon Valley SWA to open the property to all hunters on weekdays.
- Establishing specific regulations at Rio Blanco Lake SWA to limit big game hunting to archery equipment only, limit the Roselund Unit to day use only, and require parking in designated areas.
- Allowing the release of game birds at Mike Higbee SWA for education or training purposes.
- Prohibiting Off-Highway Vehicles use on Tarryall SWA.
- Prohibiting the shooting of firearms, pellet guns and bows in established campgrounds at Tarryall SWA.
- Prohibiting campfires at Tarryall SWA.
- Adopting property-specific regulations for Twin Spruce Ponds SWA, including, but not limited to prohibiting camping, fires, glass containers, alcoholic beverages, hunting, discharge of firearms or bows, and boating except for float tubes or craft propelled by hand.
- Adding Aqua Ramon STL to the Public Access Program with general STL regulations.
- Removing Lapin Creek and Deep Creek STLs from Chapter W-9.
- Limiting Columbian sharp-tailed grouse hunter numbers on the Dry Fork STL parcel on weekends and Labor Day to reduce conflicts with agriculture.

- Modifying the open hunting dates for McArthur Gulch STL, including when specific species may be hunted.
- Modifying opening date for Moosehead Mountain STL to August 15 annually.
- Enrolling the Zapata Falls STL into the Public Access Program with property-specific regulations.

Chapter W-16- "Procedural Rules" - 2 CCR 406-16 and those related provisions of Chapter W-2 ("Big Game" 2 CCR 406-2) necessary to accommodate changes to or ensure consistency with Chapter W-16

Open for consideration of final regulations pertaining to reissuance of returned limited licenses.

CITIZEN PETITIONS:

Final action may be taken on rule-making petitions at any step of the Commission's generally applicable two-step rule-making process.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Properties, as follows:

 A Citizen Petition for rulemaking requesting the Commission remove the access restrictions for the Mount Evans SWA that begin the day after Labor Day and run through the end of the 4th regular rifle season.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

At its March meeting, the Parks and Wildlife Commission will consider a Citizen Petition for Rulemaking related to Wildlife Parks and Unregulated Wildlife, as follows:

 A Citizen Petition for rulemaking requesting the Commission consider adding both species of two-toed sloth to the unregulated wildlife list in Chapter W-11.

The Commission may accept all or a portion of these petitions for final action, further consideration or otherwise reject the petitions at the March Commission meeting. A copy of any petition may be obtained by contacting Danielle Isenhart (303) 866-3203 ext. 4625, Regulations Manager, Colorado Parks and Wildlife.

ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

Chapter W-2 - "Big Game" - 2 CCR 406-2

Open for consideration of modifications to Ranching for Wildlife regulations to clarify when Dream Hunt or Youth Outreach licenses may be used on enrolled ranches.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

Open for consideration of adopting new regulations to streamline the process for approving normal utility easements, lease extensions/renewals and amendments from the Colorado Parks and Wildlife Real Estate section.

Chapter W-11- "Wildlife Parks and Unregulated Wildlife" - 2 CCR 406-11

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Notice of Proposed Rulemaking		
Tracking number		
2016-00087		
Department		
400 - Department of Natural Resources		
Agency		
406 - Colorado Parks and Wildlife (406 Series, V	Vildlife)	
CCR number		
2 CCR 406-16		
Rule title CHAPTER W-16 - PROCEDURAL RULES		
Rulemaking Hearing		
Date	Time	
03/09/2016	08:00 AM	
Location Colorado Parks and Wildlife, Hunter Education	Building, 6060 Broadway, Denver, CO 80216	
Subjects and issues involved CHAPTER W-16 - PROCEDURAL RULES	- See attached	
Statutory authority see attached		
Contact information		
Name	Title	
Danielle Isenhart	Regulations Manager	
Telephone	Email	

danielle.isenhart@state.co.us

303-866-3203 x 4625

RULE-MAKING NOTICE PARKS AND WILDLIFE COMMISSION MEETING March 9-10, 2016

In accordance with the State Administrative Procedure Act, section 24-4-103, C.R.S., the Parks and Wildlife Commission gives notice that regulations will be considered for adoption at their next meeting on March 9-10, 2016. The Parks and Wildlife Commission meeting will be held at the offices of Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216. The following regulatory subjects and issues shall be considered pursuant to the Commission's authority in sections 33-9-101 to 111, C.R.S. ("Administration of Parks and Wildlife"), in sections 33-1-101 to 33-6-209, C.R.S. (the "Wildlife Act"), and especially sections 33-1-104, 33-1-106, 33-1-107, 33-1-108, 33-1-121, 33-2-104, 33-2-105, 33-2-106, 33-3-104, 33-4-101, 33-4-102 and 33-5.5-102, 33-6-107, 33-6-109, 33-6-112, 33-6-113, 33-6-114, 33-6-117, 33-6-119, 33-6-207, 33-6-208, 33-6-209, C.R.S., and in sections 33-10-101 to 33-33-113, C.R.S. (the "Parks Act"), and especially sections 33-10-106, 33-10-107, 33-10-5-107, 33-11-109, 33-12-101, 33-12-103, 33-12-103.5, 33-12-106, 33-12-5-103, 33-13-103, 33-13-104, 33-13-106, 33-13-109, 33-13-110, 33-13-111, 33-14-107, 33-14-5-107, 33-2-103 and 33-33-105. C.R.S.

FINAL REGULATORY ADOPTION - March 9-10, 2016 beginning at 8:00 a.m.*

EFFECTIVE DATE OF REGULATIONS approved during the March 2016 Parks and Wildlife Commission meeting: May 1, 2016, unless otherwise noted.

FINAL REGULATIONS

PARKS REGULATIONS

Chapter P-1 - "Parks and Outdoor Recreation Lands" 2 CCR 405-1 and those related provisions of Chapter W-5 ("Small Game and Migratory Game Birds" 2 CCR 406-5) necessary to accommodate changes to or ensure consistency with Chapter P-1

Open for annual review of the entire chapter including, but not limited to, generally-applicable and property-specific requirements for, or restrictions on use of, parks properties controlled by Colorado Parks and Wildlife, including, but not limited to, the following:

- Allowing regulated weekend waterfowl hunting on James M. Robb-Colorado River State Park's 34 Road Section parcel from two reservable blinds.
- Opening a portion of Highline Lake State Park to small game hunting on weekdays.
- Establishing park-specific regulations on the archery range at Trinidad Lake State Park.

Chapter P-2 - "Boating" - 2 CCR 405-2

Open for consideration of changes to regulations defining acceptable forms of "proof of ownership" for registering boats in Colorado.

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WILDLIFE REGULATIONS

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Open for consideration of changes to the no release provision for terrestrial invasive species, specifically giving the Director authority to grant exemptions.

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Open for consideration of any necessary corrections or administrative clean-ups to regulations previously adopted by the Parks and Wildlife Commission for the 2016 big game seasons, including, but not limited to, game management unit boundaries, season dates, limited license areas and manner of take provisions for bighorn sheep, mountain goat, deer, elk, pronghorn, moose, bear and mountain lion, and regulations otherwise necessary for implementation of the 2016 big game seasons.

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 Establishing new Pacific Flyway hunting zones (eastern and western) for both ducks and geese.

Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9

Open for annual review of the entire chapter, including, but not limited to:

- · Prohibiting fireworks on all SWA properties.
- Prohibiting any SWA user from blocking or impeding any boat ramp.
- Eliminating the requirement that all waterfowl and small game hunters must check-out of Bravo SWA and Bravo State Trust Land (STL).
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CITIZEN PETITIONS:

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ISSUE IDENTIFICATION

WILDLIFE REGULATIONS

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Chapter W-9 - "Wildlife Properties" - 2 CCR 406-9 and those related provisions of Chapter P-1 ("Parks and Outdoor Recreation Lands" 2 CCR 405-1) necessary to accommodate changes to or ensure consistency with Chapter W-9

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Except for the day and time indicated for when the meeting is scheduled to begin, the order indicated for each agenda item is approximate and subject to change when necessary to accommodate the Commission's schedule.

Viewing of Proposed Rules: copies of the proposed rules (together with a proposed statement of basis and purpose and specific statutory authority), will be available for inspection and distribution at the Office of the Regulations Manager, Division of Parks and Wildlife, 1313 Sherman St., Denver, Colorado, at least five (5) days prior to the date of hearing. Such copies, however, are only proposals to be submitted to the Commission by the Division of Parks and Wildlife.

Modification of Proposed Rules prior to adoption: subject to the provisions of Section 24-4-103, C.R.S., modification of these proposals may be made by the Division of Parks and Wildlife or the Commission before the Commission promulgates final rules and regulations on the above topics.

Comment deadlines: Comments will be accepted at any time prior to, or as part of the meeting. However, to ensure sufficient time for consideration prior to the meeting, <u>comments should be provided to the Division of Parks and Wildlife by noon on the following date</u>:

<u>February 24, 2015,</u> for mailing by the Division of Parks and Wildlife to the Parks and Wildlife Commission on **February 25, 2016.**

Comments received by the Division after noon on **February 24**, **2016**, will be provided to the Commission on the day of the meeting.

Opportunity to submit alternate proposals and provide comment: the Commission will afford all interested persons an opportunity to submit alternate proposals, written data, views or arguments and to present them orally at the meeting unless it deems such oral presentation unnecessary. Written alternate proposals, data, views or arguments and other written statements should be submitted to the Division of Parks and Wildlife at 1313 Sherman St., Denver, CO 80203; or e-mailed to dnr.cpwcommission@state.co.us.

Use of Consent Agenda:

In order to increase the Parks and Wildlife Commission's efficiency and allow more time for consideration of parks and wildlife policy and contested issues, some or all of this regulatory

agenda may be listed for action by the Commission as part of a "Consent Agenda" for this meeting.

The process for placing matters on the Consent Agenda is as follows:

The Director identifies matters where the recommended action follows established policy or precedent, there has been agreement reached or the matter is expected to be uncontested and non-controversial.

Regulatory Matters on the Consent Agenda are noticed for hearing at the same time and in the same manner as other Consent Agenda items. If a member of the Commission requests further consideration of an item on the Consent Agenda, that item will be withdrawn from the Consent Agenda and discussed at the end of the meeting or at the next meeting. The Consent Agenda may be voted on without the necessity of reading individual items. Any Commission member may request clarification from the Director of any matter on the Consent Agenda.

OTHER AGENDA ITEMS: The Parks and Wildlife Commission may consider and make policy, program implementation, and other non-regulatory decisions, which may be of public interest at this meeting. A copy of the complete meeting agenda may be viewed on the Division of Parks and Wildlife's internet home page at http://cpw.state.co.us, on or after **February 29, 2016**.

Notice of Fropt	Sed Kulemaking
Tracking number	
2016-00045	
Department	
700 - Department of Regulatory Agencies	
Agency	
701 - Division of Banking	
CCR number	
3 CCR 701-6	
Rule title TRUST COMPANIES	
Rulemaking Hearing	
Date	Time
03/17/2016	10:00 AM
Location Division of Banking, 975 Conference Room,	1560 Broadway, Suite 975, Denver, CO 80202
Subjects and issues involved Proposed repeal of Banking Board Rule TC	15, Suspicious Activity Reports.
Statutory authority 11-102-104(1), C.R.S.	
Contact information	
Name	Title
Diana S. Gutierrez	Banking Board Secretary
Telephone	Email

303-894-7584

diana.gutierrez@state.co.us

TC15 Suspicious Activity Reports [Section 11-109-103, C.R.S.]

- A. A federally insured state chartered institution shall file with the State Bank Commissioner (Commissioner) a copy of the form filed to report apparent criminal violations, FFIEC Form-Suspicious Activity Report, with the U.S. Department of the Treasury's Financial-Crimes Enforcement Network (FinCen) pursuant to 12 U.S.C. 324, 334, et. al. The form-shall be filed with the Commissioner within three (3) business days of the filing of said-form with the FinCen. The fact that a report is required by this Rule should not in any case deter the institution from first informing the Commissioner by telephone or other-expeditious means of an apparent violation when such is deemed fitting.
- B. A non-insured state chartered institution shall promptly file with the Commissioner a copy of any criminal referral filed with any state or federal prosecutorial agency. The referral shall be filed with the Commissioner within three (3) business days of the filing of said form with the prosecutorial agency. The fact that a report is required by this Rule should not in any case deter the institution from first informing the Commissioner by telephone or other expeditious means of an apparent violation when such is deemed fitting.
- C. Failure to comply with this Rule may result in a levy by the Banking Board of a penalty of up to \$25.00 per day for each day the report is not filed.

D. Reference:

- 1. 12 U.S.C. 324, 334 and 12 U.S.C. 93a are federal statutes granting authority to the Board of Governors of the Federal Reserve System and the Federal Deposit Insurance Corporation.
- 2. This Rule does not include amendments to or editions of the referenced material later than March 2, 2006. Copies of 12 U.S.C. 324, 334 and 12 U.S.C. 93a may be examined at any State Publication Depository.
- 3. For more detailed information pertaining to this Rule, please contact the Secretary to the Colorado State Banking Board at 1560 Broadway, Suite 1175, Denver, CO 80202, 303-894-7584.



1560 Broadway, Suite 975 Denver, CO 80202

January 22, 2016

BEFORE THE COLORADO STATE BANKING BOARD

IN THE MATTER OF)	
)	NOTICE OF PROPOSED RULEMAKING
RULE REPEAL)	

I. Notice of hearing

PLEASE BE ADVISED THAT, as required by Section 24-4-103, C.R.S., of the State Administrative Procedures Act, the Colorado State Banking Board (Banking Board) hereby gives notice of proposed rulemaking. A hearing is scheduled for March 17, 2016, commencing at 10:00 a.m., at the Division of Banking (Division), DORA 975 Conference Room, 1560 Broadway, Suite 975, Denver, Colorado.

II. Purpose of the proposed rulemaking

The purpose of the hearing is to hear comments concerning the proposed repeal of Banking Board Rule TC15 – Suspicious Activity Reports, which requires Colorado state-chartered trust companies to provide a copy of the Suspicious Activity Report (SAR) to the Commissioner. The reports are now accessible to regulators online; therefore, paper submissions are no longer necessary.

III. Statutory authority for proposed rulemaking

The proposed repeal of the rule is being held under the authority given the Banking Board by the Colorado Banking Code in accordance with Section 11-102-104(1), C.R.S., which states "the banking board is the policy-making and rule-making authority for the division of banking and has the power to: (a) make, modify, reverse, and vacate rules for the proper enforcement and administration of this code..."

IV. Opportunity to testify and submit written comments

Any interested person(s) has the right to submit written comments or data, view, or argument. Written information should be filed with the Division no later than January 11, 2016. To submit written comments, please contact Diana Gutierrez, Banking Board Secretary, at diana.gutierrez@state.co.us. In addition, any interested person(s) has the right to make an oral presentation at the Hearing, unless the Banking Board deems any oral presentation unnecessary.

SUBMITTED ON BEHALF OF THE COLORADO STATE BANKING BOARD

Chris R. Myklebust

State Bank Commissioner





1560 Broadway, Suite 975 Denver, CO 80202

January 21, 2016

STATE BANKING BOARD RULE TC 15 PERTAINING TO TITLE 11, ARTICLE 109, SECTION 103 COLORADO REVISED STATUTES

STATEMENT OF BASIS, PURPOSE, AND SPECIFIC AUTHORITY

Statement of Basis

A federally insured or non-insured state-chartered institution is required to file a Suspicious Activity Report (SAR) with the United States Department of the Treasury's Financial Crimes Enforcement Network (FinCEN) when it suspects criminal violations, money laundering, or other illegal activities. Banking Board Rule TC 15 – Suspicious Activity Reports, requires a copy of the SAR or criminal referral to be filed with the Commissioner within three (3) business days of the filing with FinCEN.

Beginning in 2012, FinCEN required the electronic filing of SARs and other reports related to the Bank Secrecy Act/Anti-money Laundering (BSA/AML) regulations. Financial institutions complete the electronic filing but then must print a copy of the form and send it to the attention of the Commissioner. The Division of Banking (Division) has the ability to access SARs through FinCEN's SAR database; therefore, it is no longer necessary for the financial institution to provide a copy of the SAR in order for the Division to complete its compliance review of the institution's BSA/AML compliance program.

Purpose of this Rulemaking

The purpose of this rulemaking is to repeal Banking Board Rule TC15 – Suspicious Activity Reports, which requires Colorado state-chartered trust companies to provide a copy of the SAR to the Commissioner.

Rulemaking Authority

Section 11-101-102, C.R.S. – Declaration of Policy Section 11-102-104(1)(a), C.R.S. – Powers and duties of the Banking Board



Notice of Frop	osed Naterilaking
Tracking number	
2016-00047	
Department	
700 - Department of Regulatory Agencies	
Agency	
701 - Division of Banking	
CCR number	
3 CCR 701-10	
Rule title FINANCIAL INSTITUTION ADMINISTRATIVE	VE RULES
Rulemaking Hearing	
Date	Time
03/17/2016	10:00 AM
Location Division of Banking, 975 Conference Room,	1560 Broadway, Suite 975, Denver, CO 80202
Subjects and issues involved Proposed repeal of Banking Board Rule AR	6, Notice of Hearing.
Statutory authority 11-102-104(1), C.R.S.	
Contact information	
Name	Title
Diana S. Gutierrez	Banking Board Secretary
Telephone	Email

Colorado Register, Vol. 39, No. 3, February 10, 2016

303-894-7584

diana.gutierrez@state.co.us

AR6 Notice of Hearing [Section 11-108-302(2), C.R.S.]

A. When a hearing is required pursuant to Section 11-108-302(2), C.R.S., a notice thereof shall be given, by the Commissioner, to the party requesting the hearing, to other persons to whom notice must be given, and to such other persons as the Commissioner, in his discretion, may specify. Such notice shall state the time, place, and nature of the hearing; the legal authority and jurisdiction under which the hearing is to be held; the matters constituting grounds for the hearing; and shall be delivered to such persons entitled to notice by this Rule by personal service, by registered or certified mail, or by other appropriate means, sufficiently in advance of the date set for hearing in order to comply with the appropriate provisions of both Section 11-108-302(2), C.R.S., and the State Administrative Procedures Act.



1560 Broadway, Suite 975 Denver, CO 80202

January 22, 2016

BEFORE THE COLORADO STATE BANKING BOARD

IN THE MATTER OF)	
)	NOTICE OF PROPOSED RULEMAKING
RULE REPEAL)	

I. Notice of hearing

PLEASE BE ADVISED THAT, as required by Section 24-4-103, C.R.S., of the State Administrative Procedures Act, the Colorado State Banking Board (Banking Board) hereby gives notice of proposed rulemaking. A hearing is scheduled for March 17, 2016, commencing at 10:00 a.m., at the Division of Banking (Division), DORA 975 Conference Room, 1560 Broadway, Suite 975, Denver, Colorado.

II. Purpose of the proposed rulemaking

The purpose of the hearing is to hear comments concerning the proposed repeal of Banking Board Rule AR6 – Notice of Hearing, which applies only to Industrial Banks. The Industrial Bank provision of the Colorado Banking Code was repealed in 2013 with the passage of SB13-154; therefore, this rule is no longer necessary.

III. Statutory authority for proposed rulemaking

The proposed repeal of the rule is being held under the authority given the Banking Board by the Colorado Banking Code in accordance with Section 11-102-104(1), C.R.S., which states "the banking board is the policy-making and rule-making authority for the division of banking and has the power to: (a) make, modify, reverse, and vacate rules for the proper enforcement and administration of this code..."

IV. Opportunity to testify and submit written comments

Any interested person(s) has the right to submit written comments or data, view, or argument. Written information should be filed with the Division no later than January 11, 2016. To submit written comments, please contact Diana Gutierrez, Banking Board Secretary, at diana.gutierrez@state.co.us. In addition, any interested person(s) has the right to make an oral presentation at the Hearing, unless the Banking Board deems any oral presentation unnecessary.

SUBMITTED ON BEHALF OF THE COLORADO STATE BANKING BOARD

Chris R. Myklebust

State Bank Commissioner





1560 Broadway, Suite 975 Denver, CO 80202

January 21, 2016

STATE BANKING BOARD RULE AR 6 PERTAINING TO TITLE 11, ARTICLE 108, SECTION 302 COLORADO REVISED STATUTES

STATEMENT OF BASIS, PURPOSE, AND SPECIFIC AUTHORITY

Statement of Basis

Effective July 1, 2013, Title 11, Article 108 of the Colorado Revised Statutes, the Industrial Bank provision of the Colorado Banking Code, was repealed in its entirety pursuant to Section 4 of Senate Bill 13-154. Banking Board Rule AR6 - Notice of Hearing (AR6), which was established as required by Section 11-108-302(2), C.R.S., is no longer necessary.

Purpose of this Rulemaking

The purpose of this rulemaking is to repeal AR6 in response to the repeal of Title 11, Article 108.

Rulemaking Authority

Sections 11-101-102 and 11-102-104, C.R.S.



Tracking number	
2016-00046	
Department	
700 - Department of Regulatory Agencies	
Agency	
725 - Division of Real Estate	
CCR number	
4 CCR 725-2	
Rule title RULES OF THE COLORADO BOARD OF F	REAL ESTATE APPRAISERS
Rulemaking Hearing	
Date	Time
03/03/2016	09:00 AM
Location 1560 Broadway, Suite 1250-C, Denver, CO	
Subjects and issues involved CHAPTER 11:&STANDARDS OF PROFES	SIONAL APPRAISAL PRACTICE
Statutory authority Chapter 7 of Title 12, Article 61, Colorado R	evised Statutes, as amended
Contact information	
Name	Title
Martha Torres-Recinos	Rulemaking Administrator
Telephone	Email
303-894-2359	martha.torres-recinos@state.co.us

DEPARTMENT OF REGULATORY AGENCIES DIVISION OF REAL ESTATE BOARD OF REAL ESTATE APPRAISERS 4 CCR 725-2

NOTICE OF PROPOSED PERMANENT RULEMAKING HEARING March 3, 2016

CHAPTER 11: STANDARDS OF PROFESSIONAL APPRAISAL PRACTICE

Pursuant to and in compliance with Title 12, Article 61 and Title 24, Article 4, C.R.S. as amended, notice of proposed rulemaking is hereby given, including notice to the Attorney General of the State of Colorado and to all persons who have requested to be advised of the intention of the Colorado Board of Real Estate Appraisers (the "Board") to promulgate rules, or to amend, repeal or repeal and re-enact the present rules of the Board.

STATEMENT OF BASIS

The statutory basis for the rules titled <u>Rules of the Board of Real Estate Appraisers</u> is Part 7 of Title 12, Article 61, Colorado Revised Statutes, as amended.

STATEMENT OF PURPOSE

The purpose of this rule is to effectuate the legislative directive to promulgate necessary and appropriate rules in conformity with the statute and the provisions of the federal Financial Institutions Reform, Recovery and Enforcement Act of 1989.

SPECIFIC PURPOSE OF THIS RULEMAKING

The specific purpose of this rule is to amend or repeal existing rules with respect to the applicable version of the uniform standards of professional appraisal practice.

Proposed New, Amended and Repealed Rules

[Deleted material shown struck through, new material shown ALL CAPS. Rules, or portions of rules, which are unaffected are reproduced. Readers are advised to obtain a copy of the complete rules of the Board at www.dora.colorado.gov/dre

CHAPTER 11: STANDARDS OF PROFESSIONAL APPRAISAL PRACTICE

11.1 Pursuant to Section 12-61-713(1)(g), C.R.S. (as amended), the Board adopts, and incorporates by reference in compliance with Section 24-4-103(12.5), C.R.S., as the generally accepted standards of professional appraisal practice the definitions, preamble, rules, standards, and standards rules and statements of the Uniform Standards of Professional Appraisal Practice as promulgated by the Appraisal Standards Board of the Appraisal Foundation on January 30, 1989 and amended through February 1, 2013 FEBRUARY 6, 2015 and known as the 2014-2015 2016-2017 edition. Amendments to the Uniform Standards of Professional Appraisal Practice subsequent to February 1, 2013 FEBRUARY 6, 2015 are not included in this Rule. A certified copy of the Uniform Standards of Professional Appraisal Practice is on file and available for public inspection at the offices of the Board of Real Estate Appraisers at 1560 Broadway, Suite 925, Denver, Colorado. Copies of the Uniform Standards of Professional Appraisal Practice adopted under this rule may be examined at any state publications depository library. The 2014-2015 2016-2017 edition of the Uniform Standards of Professional Appraisal Practice may be examined at the

Internet website of The Appraisal Foundation at www.appraisalfoundation.org, and copies may be ordered through that mechanism. The Appraisal Foundation may also be contacted at 1155 15th Street, NW, Suite 1111, Washington, DC 20005, or by telephone at (202) 347-7722 or by telefax at (202) 347-7727. The 2012-2013 2014-2015 edition of the Uniform Standards of Professional Appraisal Practice, incorporating the amendments made through April 8, 2011 FEBRUARY 1, 2013 shall remain in effect through December 31, 2013 JANUARY 6, 2016. Beginning January 1, 2014, JANUARY 7, 2016, the 2014-2015 2016-2017 edition of the Uniform Standards of Professional Appraisal Practice shall be in effect.

A hearing on the above subject matter will be held on Thursday, March 3, 2016, at the Colorado Division of Real Estate, 1560 Broadway, Suite 1250-C, Denver, Colorado 80202 beginning at 9:00 a.m.

Any interested person may participate in the rule making through submission of written data, views and arguments to the Division of Real Estate. Persons are requested to submit data, views and arguments to the Division of Real Estate in writing no less than ten (10) days prior to the hearing date and time set forth above. However, all data, views and arguments submitted prior to or at the rulemaking hearing or prior to the closure of the rulemaking record (if different from the date and time of hearing), shall be considered.

Please be advised that the rule being considered is subject to further changes and modifications after public comment and formal hearing.

Tracking number		
2016-00063		
Department		
700 - Department of Regulatory Agencies		
Agency		
736 - Division of Professions and Occupations	- Board of Marriage and Family Therapist Examiners	
CCR number		
4 CCR 736-1		
Rule title COLORADO STATE BOARD OF MARRIAGE AND FAMILY THERAPIST EXAMINERS RULES		
Rulemaking Hearing		
Date	Time	
03/01/2016	12:00 PM	
Location 1560 Broadway Street, Conference Room 1250 A, Denver, CO 80202		
Subjects and issues involved Modification of Board Rule 12, Licensure by Endorsement		
Statutory authority 12-43-203(3)(a)		

Contact information

Name Title

Catherine Rodriguez Program Director for Mental Health Boards

Telephone Email

303-894-7414 cathys.rodriguez@state.co.us

Marriage and Family Therapist Examiners

RULE 12 -- LICENSURE BY ENDORSEMENT (C.R.S. § 12-43-206)

- (a) <u>General.</u> To be considered for licensure by endorsement under C.R.S. §12-43-206, an applicant must submit a completed application form, all supporting documentation, and the appropriate fee.
- (b) <u>Complaints/inquiries</u>, investigations, disciplinary actions. The Board may decline to issue a license to an applicant for licensure by endorsement against whom disciplinary action has been taken or is pending, against whom an investigation is being conducted in connection with her/his practice, or who is the subject of an unresolved complaint.
- (c) <u>Criteria.</u> The Board has established the following criteria for determining whether an applicant possesses credentials and qualifications that are substantially equivalent to C.R.S. § 12-43-504. An applicant must submit sufficient information to establish that her/his credentials and qualifications meet the statutory requirements. The applicant has the burden of proof. The Board may require additional information from the applicant. An applicant who possesses a current and unrestricted license, in good standing, to practice marriage and family therapy under the laws of another state, territory or foreign country may can apply for licensure by endorsement.

All of the following factors must be shown certified attested to at the time of application for Colorado licensure by endorsement in order for the applicant to establish that her/his credentials and qualifications are substantially equivalent to the requirements of C.R.S. § 12-43-504:

(1) Applicant is at least 21 years of age;

(2) Applicant must attest that they:

- (A) Have reported to the Board any injunction entered against her/him and any injunctive action pending against her/him on any license.
- (B) Have reported any malpractice judgment, settlement, or claim, and any pending action or claim.
- (C) Have reported any pending complaint, investigation, or disciplinary proceeding before the licensing, grievance, or disciplinary Board of any jurisdiction in which a license, registration or certification to practice marriage and family therapy is held and where the complaint, investigation, or proceeding concerns the practice of marriage and family therapy.

(D) Have reported any applicable misdemeanor or felony conviction(s). (E) Have reported to the Board any prior disciplinary action by another jurisdiction. (2) Applicant must certify that: (A) Applicant has reported to the Board any injunction action entered against her/him and knows of no injunctive action pending against her/him or her/his license, certificate, listing or registration to practice marriage and family therapy where the injunction or injunctive action relates to her/his practice of marriage and family therapy or psychotherapy; (B) Applicant has reported to the Board any malpractice judgment against her/him, and knows of no settlement of a malpractice action or claim against her/him, and knows of no malpractice action or claim pending against her/him where the malpractice alleged relates to her/his practice of marriage and family therapy or psychotherapy; (C) Applicant has reported to the Board any complaint pending before, investigation being conducted by, or disciplinary proceeding pending before the licensing, grievance, or disciplinary board of any jurisdiction in which s/he is licensed, registered, or certified to practice marriage and family therapy where the complaint, investigation, or proceeding concerns practice as a licensed marriage and family therapist or psychotherapy. (D) Applicant has reported to the Board any misdemeanor or felony conviction(s). (E) Applicant has reported to the Board any prior disciplinary action against applicant by another jurisdiction. (3) Submit verification of licensure from each jurisdiction(s) in which applicant has ever been licensed, registered, listed or certified. The verification can be retrieved by the applicant from the jurisdiction's web-site as long as the following information is included and can be verified if necessary: (A) Date license was originally issued. (B) Date of license expiration. (C) Disciplinary history, if applicable.

If the complete information is not available then the Verification of License Form must be completed by each state

- (4) Applicant holds a master's or doctoral degree in marriage and family therapy from an accredited program or holds a master's or doctoral degree from a program that was equivalent to an accredited program in marriage and family therapy.
- (5) Applicant demonstrates attests to having passed an examination, the content of which tested competence to practice marriage and family therapy.
- (6) Except as provided below, aApplicant demonstrates attests that s/he had at least two (2) years of post-master's or one year of post-doctoral practice in individual and marriage and family therapy under supervision prior to licensure, certification, listing or registration in the jurisdiction through which applicant seeks licensure in Colorado; or applicant provides information satisfactoryattests to the Board demonstrating her/his active practice of marriage and family therapy for two (2) years (as defined below).
 - (A) "Active practice of marriage and family therapy" means applicant has engaged in the practice of marriage and family therapy at least twenty (20) hours per week, averaged over the entire time s/he has been in practice, with no more than a six month absence from the practice of marriage and family therapy. If applicant has taught marriage and family therapy, applicant may count the hours spent teaching marriage and family therapy (including time spent in preparation, meeting with students, and related activities) as hours of active practice of marriage and family therapy provided such teaching was in courses in the same or similar field of marriage and family therapy as the competence area claimed by applicant; teaching of marriage and family therapy shall not count more than one-third (1/3) of the number of active practice hours claimed by applicant.
- (7) Applicant attests that post-degree experience hours obtained for licensure in another jurisdiction has substantially similar requirements to what is outlined in Board Rule 14

 Licensure by Examination. The Board may consider a combination of post-degree hours and practice experience on a case-by-case basis.
- (d) <u>Licenses, certifications, listings or registrations from outside the United States.</u> Applicants who are licensed, certified, listed or registered marriage and family therapists in a jurisdiction outside the United States must submit their educational credentials for evaluation, including disclosure of any prior or pending disciplinary action against applicant by any jurisdiction, and satisfy the requirements of this Rule.

(e) Jurisprudence Examination. Each applicant shall pass a Board developed jurisprudence examination.		

Tracking number

2016-00074

Department

1000 - Department of Public Health and Environment

Agency

1011 - Health Facilities and Emergency Medical Services Division (1011, 1015 Series)

CCR number

6 CCR 1011-1 Chap 02

Rule title

CHAPTER 02 - GENERAL LICENSURE STANDARDS

Rulemaking Hearing

Date Time

03/16/2016 10:00 AM

Location

Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246

Subjects and issues involved

To consider the promulgation of amendments to 6 CCR 1011-1, Chapter 5, Long Term Care Facilities and Chapter 2, General Licensure Standards. Chapter 5 is being renamed to correspond with state statute and the entire chapter has been rewritten to reflect current practice standards, eliminate duplicative and obsolete sections and better align with federal requirements.

Statutory authority

25-1.5-103, C.R.S. (2015); 25-1-107.5, C.R.S. (2015); 25-1-120, C.R.S. (2015); 25-3-101, et seq; 18-6.5-108(1)(b)(V)

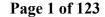
Contact information

Name Title

Laurie Schoder Policy Analyst

Telephone Email

303-692-2832 laurie.schoder@state.co.us





Dedicated to protecting and improving the health and environment of the people of Colorado

To: Members of the State Board of Health

From: Laurie Schoder, Policy Analyst, Health Facilities and Emergency Medical Services

Division

Through: D. Randy Kuykendall, MLS; Director \mathcal{DRK}

Date: January 20, 2016

Subject: Proposed Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities,

Chapter 5, Long Term Care Facilities and Conforming and Technical Amendments to Chapter 2, General Licensure, with a Request for the Rulemaking Hearing to occur on

March 16, 2016.

In 2014, the Division conducted a regulatory review of Chapter 5 and determined that many of those rules were outdated, confusing and/or inconsistent with state or federal law. Therefore, the Division pledged to initiate a community stakeholder process to thoroughly review the entire rule.

The Division has been meeting with stakeholders every month for over a year to revise the Chapter 5 regulations. All stakeholder meetings were open to the public and routinely included the state long-term care ombudsman, a nursing care facility resident, members of the Colorado Medical Directors Association and other licensed medical professionals, owners and administrators of licensed nursing care facilities, and representatives of the Colorado Health Care Association, Leading Age Colorado, the Legal Center and the Colorado Hospital Association.

Due to the extensive nature of the revisions, the Division proposal is that the current chapter be stricken in its entirety and replaced with a new version that has also been reorganized and renumbered. The Division also proposes changing the title of Chapter 5 from Long Term Care Facilities to Nursing Care Facilities to align with the Department's statutory authority.

One proposed revision to the pharmacy section of Chapter 5, along with conforming changes to Chapter 2, is being made to align with statutory changes brought about by House Bill 15-1039 which addressed the donation of prescription medications by licensed health care facilities. In addition, language throughout the entire chapter has been revised to reflect technological advances; make it more person-centered; and reflect that a nursing care facility is not merely a health care institution but also a resident's home.

STATEMENT OF BASIS AND PURPOSE AND SPECIFIC STATUTORY AUTHORITY

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 5, Long Term Care Facilities and Conforming and Technical Amendments to Chapter 2, General Licensure January 20, 2016

Basis and Purpose:

In 2014, pursuant to Section 24-4-103.3, C.R.S., the Division conducted a regulatory review of Chapter 5 and determined that many of those standards were outdated, confusing and/or inconsistent with state statute. Since then the Division has conducted monthly meetings with stakeholders to completely overhaul the regulations regarding nursing care facilities. Due to the extensive nature of the revisions, the Division is proposing that the current regulation set be stricken in its entirety and replaced with a new version that has also been renamed, reorganized and renumbered.

The major highlights of the changes include adding language to require at-risk elder abuse reporting; revising the medical services section to allow for expanded use of non-physician practitioners consistent with federal and state law; updating therapist and other staff qualifications to align with state law and/or reflect current professional standards; updating the subsection on disposition of medication to align with changes made by House Bill 15-1039; requiring a security officer or other designated staff person to oversee health information security; and requiring a facility to petition the court for appointment of a guardian for any resident placed in secure unit if that resident lacks decisional capacity and has no designated representative.

The following is a brief summary of the changes to Chapter 5 by section:

- Section 1 Updated to include reference to medical waste disposal regulations.
- **Section 2** Several new definitions added.
- Section 3 Clarification of governing body role and reworded quality assurance subsection.
- Section 4 Reworded for clarity and addition of language regarding at-risk elder abuse reporting.
- **Section 5** Primarily reworded.
- **Section 6** Primarily reworded.
- **Section 7** Reorganized and time frames revised to align with federal requirements. Individual responsible for nursing care planning changed to registered nurse to align with federal requirement.
- **Section 8** Revised to allow for expanded use of non-physician practitioners consistent with federal and state law; added requirement that medical director personally visit facility at least every three months; added requirements regarding the contents of practitioner's notes and time frame for inclusion in health information record; expanded medical director's responsibilities to be consistent with remainder of rule and allowed for practitioner use of telehealth within certain parameters.
- **Section 9** Reworded and clarified the subsection on restraints to align with statute. Reworded and clarified the subsections on medication administration and safety devices.
- **Section 10** Time for social services staff to review and update assessment and care plan shortened to guarterly. Updated and clarified staff qualifications.
- **Section 11** Primarily reworded.
- **Section 12** Added requirements that each resident must be informed about the consequences of undiagnosed oral health issues and about the availability of public benefits for dental services.
- **Section 13** Revised to reflect proposed federal language regarding meal times; expanded qualifications for individual overseeing dietary services; updated menu reference requirements;

clarified requirements for refrigerator safety and feeding of residents in isolation; and deleted subsection on milk because that is covered in the retail food regulations with which facilities are also required to comply.

Section 14 - Reorganized and reworded to eliminate duplicative and obsolete subsections and better align with federal requirements.

Section 15 - Reworded for clarity and to better align with state law.

Section 16 - Revised to require that facilities complete a risk assessment for emergencies using an all hazards approach. Addition of items to be addressed in facility policies and procedures regarding various emergencies and addition of items to be addressed in facility disaster plans.

Section 17 - Revised language to reflect current technology; reworded section on health information staff responsibilities; added requirement for security officer or other designated staff person to oversee health information security and updated staff qualifications to reflect current professional standards.

Section 18 - Updated therapist qualifications to align with state law and consolidated sections to eliminate duplication.

Section 19 - Reworded duties of consulting pharmacist to better align with federal law; added subsection on the use of investigational medications and updated subsection on disposition of medication to align with state law.

Section 20 - Current time frame for inclusion of diagnostic reports in health information record shortened from thirty days to two days and requirement relocated to Section 17.1(A).

Section 21 - The only change is correction of the hyperlink.

Section 22 - Removal of footnotes and obsolete language along with clarification of resident communication system requirements.

Section 23 - Reorganized and reworded for clarity; updated statutory references and added requirement that if resident lacks decisional capacity and has no representative, facility must petition court for appointment of guardian within 30 days of resident's placement in secure unit.

Section 24 - Primarily reworded.

Section 25 - Reworded and reorganized.

Section 26 - Reworded, reorganized and references updated to include various CDC guidelines.

Section 27 - Primarily reworded.

Section 28 - Updated reference for disposal of medical waste.

Section 29 - Substantially unchanged.

Section 30 - Statutory reference added and slightly reworded.

Section 31 - Reorganized and reworded for clarity and to better align with state law.

Section 32 - No change.

The proposed changes to Chapter 2 update the address for submitting a waiver application and the donation of prescription medications by licensed health care facilities as authorized by House Bill 15-1039. These changes ensure alignment with Chapter 5, Sections 4.6 and 19.8 respectively. In addition, Chapter 2, Sections 8.103 and 10.5 references to Chapter 5 were updated to reflect the proposed Chapter 5 title. The statutory references and terminology in Chapter 2, Section 8.102 and 8.103 were also updated for overall alignment with Chapter 5.

These rules are promulgated pursuant to the following statutes:

Section 25-1.5-103, C.R.S. (2015)

Section 25-1-107.5, C.R.S. (2015)

Section 25-1-120, C.R.S. (2015)

Section 25-3-101, et seq., C.R.S. (2015)

Section 18-6.5-108(1)(b)(V), C.R.S. (2015)

SUPPLEMENTAL QUESTIONS

Is this rulemaking due to a change in state statute?
X Yes, partially. Revisions to Chapter 5, Section 19 with conforming changes to Chapter 2 were necessitated by House Bill 15-1039.No
Is this rulemaking due to a federal statutory or regulatory change?
Yes No
Does this rule incorporate materials by reference?
Does this rule create or modify fines or fees
Yes No

REGULATORY ANALYSIS

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 5, Long Term Care Facilities and Conforming and Technical Amendments to Chapter 2, General Licensure January 20, 2016

1. A description of the classes of persons who will be affected by the proposed rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the proposed rule.

The proposed rule changes will affect many classes of persons. They will affect the owners, operators, staff and residents of nursing care facilities as well as other licensed professionals that serve the residents of nursing care facilities. The costs of the proposed rule will be borne primarily by the licensees and the Department. The affected nursing care facilities, their residents and the public will all benefit from amending this regulation to reflect current industry standards, align with state and federal law and clarify Department expectations.

2. To the extent practicable, a description of the probable quantitative and qualitative impact of the proposed rule, economic or otherwise, upon affected classes of persons.

The short-term quantitative impact of the proposed revisions will be most apparent in the time required by facility owners and staff to familiarize themselves with the revised standards and the reorganization of the entire regulation set. The expectation is that this will be offset by the anticipated long-term quantitative impact of greater staff efficiency due to the changes allowing greater use of non physician practitioners, telehealth and other electronic methods for care delivery.

The major qualitative impacts of the revisions for residents will be achieved through the use of more person centered language and higher standards of care in certain areas such as dental services, medical record entries, resident rights, and admission into a secured unit.

3. The probable costs to the agency and to any other agency of the implementation and enforcement of the proposed rule and any anticipated effect on state revenues.

The Department will incur some costs primarily associated with administrative tasks such as rewriting the feeding assistant program protocols to align with the revised regulations and revising the software program that allows for electronic entry of survey and plan of correction data. The Department does not anticipate that these amendments will result in any costs to other agencies.

4. A comparison of the probable costs and benefits of the proposed rule to the probable costs and benefits of inaction.

The probable costs and benefits of the proposed amendments far outweigh the probable costs and benefits of inaction since inaction would result in continued conflict between the regulations and various state and federal laws, along with the continuation of many now antiquated requirements and obsolete language. The proposed amendments will benefit the

industry and public alike because everyone will have a better understanding of the nursing care facility licensing requirements.

5. A determination of whether there are less costly methods or less intrusive methods for achieving the purpose of the proposed rule.

The Department has determined that there are no less costly or intrusive methods for achieving the purposed of the revised rule. Neither Departmental policies nor guidance would have accomplished the goal of updating the regulations to reflect current industry standards, align with state and federal law and eliminate obsolete requirements.

6. Alternative rules or alternatives to rulemaking considered and why rejected.

Initially the Department considered revising only one section of the regulation chapter, but it became evident after consultation with stakeholders that the entire chapter needed to be rewritten. Although the complete rewrite required a larger time commitment from both stakeholders and Department personnel, it was determined to be the preferable method to avoid any unintended consequences that might result from a patchwork approach.

7. To the extent practicable, a quantification of the data used in the analysis; the analysis must take into account both short-term and long-term consequences.

The Department analyzed the type and number of health care entities affected by these amendments, as well as the number of resident beds involved. There are approximately 219 currently licensed nursing care facilities with a total of 20,316 beds. The majority of facilities are dually certified to serve both Medicare and Medicaid residents, so they are also subject to federal standards. Five facilities, however, serve only private pay residents. Therefore the proposed amendments had to be drafted so that they would apply to all types of nursing care facilities regardless of payment source.

In the short-term, both Department and facility personnel will need to spend extra time familiarizing themselves with the changes. However, in the long term, regulations that reflect current industry standards, align with state and federal law and are easier to navigate will benefit everyone that interacts with a nursing care facility from staff to residents and their family members.

STAKEHOLDER COMMENTS

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 5, Long Term Care Facilities with conforming amendments to Chapter 2, General Licensure

The following individuals and/or entities were included in the development of these proposed rules:

Anne Meier, Colorado Long-Term Care Ombudsman; Shannon Gimbel, Denver Regional Council of Governments; Vinni Ferrara, Older Americans Program Assistant for Disability Law Colorado; a nursing care facility resident; Gregory Gahm, M.D., Leslie Eber, M.D., and other members of the Colorado Medical Directors Association; Joshua Zucker, N.P., Alan Miller, R.Ph., Candace Johnson, R.D., and other licensed medical professionals; various owners, administrators, staff and consultants of licensed nursing care facilities; Ann Kokish, Arlene Miles and Doug Farmer for the Colorado Health Care Association; Janice Brenner for Leading Age Colorado; Gail Finley and Joshua Ewing for the Colorado Hospital Association; Dr. Katya Mauritson, Oral Health Unit Manager, Prevention Services Division; Dan Goetz, Hazardous Waste Compliance Assurance Officer, Hazardous Materials and Waste Management Division; and various representatives of the Colorado Department of Health Care Policy and Financing.

The following individuals and/or entities were notified that this rule-making was proposed for consideration by the Board of Health:

The individuals and entities listed above along with all licensed health care entities and subscribers to the Health Facilities and Emergency Medical Services information blog.

Summarize Major Factual and Policy Issues Encountered and the Stakeholder Feedback Received. If there is a lack of consensus regarding the proposed rule, please also identify the Department's efforts to address stakeholder feedback or why the Department was unable to accommodate the request.

The stakeholder group and Division representatives tackled many factual and policy issues and were able to come to consensus on all. Examples include expanding the role of non-practitioners to align with the Colorado Nurse Practice Act but not violate certain federal requirements for facilities providing Medicare services, allowing for the use of telehealth in certain circumstances, shortening the time frame for practitioner visit details to be entered into the health information record, and requiring facilities to inform residents about public dental benefits and to provide assistance in accessing such benefits and services. At the final stakeholder meeting, the Ombudsman voiced concerns that the resident grievance process, which conforms to Colorado law, might be in conflict with federal law. The Department has referred this issue to its legal counsel and expects to have the issue resolved by the rule-making hearing.

Please identify health equity and environmental justice (HEEJ) impacts. Does this proposal impact Coloradoans equally or equitably? Does this proposal provide an opportunity to advance HEEJ? Are there other factors that influenced these rules?

The Division believes that the proposed rule amendments will advance HEEJ in a number of ways. Because physicians in Colorado's rural and frontier areas are often in short supply, nursing care facilities in those communities will benefit from the amendments that allow for expanded use of non-physician practitioners and telehealth. Low income residents will have enhanced access to dental care because of a new requirement that nursing care facilities provide information about the

availability of publicly funded dental services and assist residents in accessing such services. Additionally, the resident rights section contains new requirements for facilities to make accommodation residents with limited English proficiency or sensory impairments that inhibit daily communications.

1 DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT 2 Health Facilities and Emergency Medical Services Division 3 STANDARDS FOR HOSPITALS AND HEALTH FACILITIES: CHAPTER V - LONG TERM CARE FACILITIES 4 6 CCR 1011-1 Chap 05 5 6 Copies of these regulations may be obtained at cost by contacting: 7 **Division Director** 8 Colorado Department of Public Health and Environment 9 **Health Facilities Division** 10 4300 Cherry Creek Drive South 11 Denver, Colorado 80222-1530 12 Main switchboard: (303) 692-2800 13 These chapters of regulation incorporate by reference (as indicated within) material originally published 14 elsewhere. Such incorporation, however, excludes later amendments to or editions of the referenced material. 15 Pursuant to 24 4 103 (12.5), C.R.S., the Health Facilities Division of the Colorado Department of Public Health 16 And Environment maintains copies of the incorporated texts in their entirety which shall be available for public 17 inspection during regular business hours at: 18 **Division Director** 19 Colorado Department of Public Health and Environment 20 **Health Facilities Division** 21 4300 Cherry Creek Drive South 22 Denver, Colorado 80222-1530 23 Main switchboard: (303) 692-2800 24 Certified copies of material shall be provided by the division, at cost, upon request. Additionally, any material 25 that has been incorporated by reference after July 1, 1994 may be examined in any state publications 26 depository library. Copies of the incorporated materials have been sent to the state publications depository and 27 distribution center, and are available for interlibrary loan. 28 Part 01. STATUTORY AUTHORITY AND APPLICABILITY 29 01.1 The statutory authority for the promulgation of these rules is set forth in sections 25-1-107.5, 25-1.5-103 30 and 25-3-101, et. seq., C.R.S. 31 01.2 A long term care facility shall comply with all applicable federal and state statutes and regulations, 32 including but not limited to, the following:

1 (a) This Chapter V; 2 (b) 6 CCR 1011-1, Chapter II, General Licensure Standards; and 3 (c) 6 CCR 1010-2, Colorado Retail Food Establishment Rules and Regulations. 4 Part 1. GOVERNING BODY 5 **Definitions** 6 Department - The Department of Public Health and Environment. 7 LONG-TERM CARE FACILITY. A long-term care facility is a health facility that holds itself out as a nursing 8 home, nursing facility, nursing care facility or intermediate care facility or a health facility that is planned, 9 organized, operated, and maintained to provide supportive, restorative, and preventive services to persons who, 10 due to physical and/or mental disability, require continuous or regular inpatient care. 11 (a) a long term care facility is a nursing care facility, or a nursing facility serving residents who require 12 continuous medical and nursing care and supervision. 13 (b) a long-term care facility is an intermediate care facility serving residents who require regular, but not 14 continuous nursing care and supervision. 15 1.1 GOVERNING BODY. The governing body is the individual, group of individuals, or corporate entity that has 16 ultimate authority and legal responsibility for the operation of the long-term care facility. 17 1.1.1 The governing body shall provide the necessary facilities, qualified personnel, and services to 18 meet the total needs of the facility's residents. 19 1.1.2 The governing body shall appoint for the facility a full-time administrator, qualified as provided in 20 Section 2.1, and delegate to that officer the executive authority and full responsibility for day to-21 day administration of the facility. 22 1.1.3 The governing body is responsible for the performance of all persons providing services within the 23 24 1.2 STRUCTURE. If the governing body includes more than one individual, the group shall be formally 25 organized with written constitution or articles of incorporation and by-laws; hold regular, periodic 26 meetings; and maintain meeting records. 27 1.2.1 The facility shall disclose its ownership as required in Part 2, chapter II of these regulations. 28 1.2.2 The governing body shall provide a formal means of obtaining local community involvement and 29 opportunity to communicate with the administrator on issues of residents' rights. The means of 30 community input shall provide opportunity for regular input and such input shall be documented. 31 (a) The input may come through a formally organized community advisory committee that is 32 33 given the opportunity to comment and advise the governing body on matters of facility policy; is composed of members, a majority of whom reside in the facility's service area, 34 and none of whom are owners or employees of or consultants to the facility. 35 (b) The input may come through membership of at least 25% of the governing body 36 representing citizens in the facility's service area, none of whom are owners or 37 employees of or consultant? to the facility.

2	(c) The facility may request Department approval of an alternative means of obtaining community input on residents' rights.
3 4 5 6	1.3 QUALITY ASSURANCE. The governing body shall assure that there is an effective quality assurance program to evaluate the availability, appropriateness, effectiveness, and efficiency of resident care, including without limitation, a continuous program of evaluating medical, nursing care, social services, activities, dietary, housekeeping, maintenance, infection control, and pharmacy services.
7 8 9	1.3.1 The quality assurance plan shall be in writing and shall include objectives; personnel involved; responsibility for reviewing critical incidents; methods for monitoring and evaluating care; and methods for monitoring effectiveness of actions taken to improve quality of resident care.
10 11	1.3.2 The facility shall maintain evidence of actions taken in response to quality assurance activity and their effectiveness and shall report annually to the governing body.
12 13 14 15	1.4 EXCEPTIONS TO RULES. The requirements of these regulations do not prohibit the use of alternate concepts, methods, procedures, techniques, equipment, or personnel qualifications or conducting pilot projects. A facility may request waivers or exceptions to these regulations pursuant to 6 CCR 1011-1, Chapter II, General Licensure Standards, Part 4, waiver of regulations for health care entities.
16 17 18	1.5 POSTING DEFICIENCIES. The facility shall post conspicuously in public view either the statement of deficiencies following its most recent survey or a notice stating the location and times at which the statement can be reviewed.
19	Part 2. ADMINISTRATION
20 21	2.1 ADMINISTRATOR. The administrator is responsible to the governing body for planning, organizing, developing, and controlling the operations of the facility.
22	2.1.1 The administrator shall be licensed in the State of Colorado.
23 24 25 26 27	2.1.2 The administrator's responsibilities: 1) liaison among the governing body, medical staff, and physicians whose patients reside in. the facility, 2) financial and personnel management, 3) providing for appropriate resident care; and 4) maintaining relationships with the community and with other health care facilities, organizations, and services; 5) assuring facility and staff compliance with all regulations; and 6) any responsibilities prescribed by facility policy.
28 29	2.2 ORGANIZATION. The facility shall be organized formally to carry out its responsibilities with a plan of organization clearly defining the authority, responsibilities, and functions of each category of personnel.
30 31 32 33 34 35 36 37	2.3 POLICIES. In consultation with the Medical Advisor and one or more registered nurses and other related health care professionals, the administrator shall develop and at least annually review written resident care policies and procedures that govern resident care in the following areas: nursing, housekeeping, maintenance sanitation, medical, dental, dietary, diagnostic, emergency, and pharmaceutical care; social services; activities; rehabilitation; physical, occupational, and speech therapy; resident admission, transfer, and discharge; notification of physician and family or other responsible party of resident's incidents, accidents and changes of status; disasters; and health records and any other policies the department determines the facility needs based on its characteristics of its resident population.
38 39 40	2.4 FACILITY STAFFING PLAN. The facility shall have a master staffing plan for providing staffing in compliance with these regulations, distribution of personnel, replacement of personnel, and forecasting future personnel needs.
41	2.5 OCCURRENCE REPORTING.

1 Notwithstanding any other reporting required by state regulation, each facility shall report the following to the 2 department within 24 hours of discovery by the facility. 3 (1) Any occurrence involving neglect of a resident by failure to provide goods and services necessary to 4 avoid the resident's physical harm or mental anguish. 5 (2) Any occurrence involving abuse of a resident by the willful infliction of injury, unreasonable 6 confinement, intimidation, or punishment with resulting physical harm, pain or mental anguish. (3) Any occurrence involving an injury of unknown source where the source of the injury could not be 8 explained and the injury is suspicious because of the extent or location of the injury. 9 (4) Any occurrence involving misappropriation of a resident's property including the deliberate 10 misplacement, exploitation, or wrongful use of a resident's belongings or money without the 11 resident's consent. 12 Part 3 ADMISSIONS 13 3.1 RESTRICTIONS. The facility shall admit only those persons whose needs it can meet within the 14 accommodations and services it provides. 15 3.1.1 No resident shall be admitted for inpatient care to any room or area other than one regularly 16 designated and equipped as a resident bedroom. 17 3.1.2 There shall be no more than four residents admitted to a bedroom. 18 3.2 BED HOLD POLICIES. The facility shall develop policies for holding beds available for residents who are 19 temporarily absent therefrom, provide a copy of the policy upon admission, and explain these policies to 20 residents upon admission and before each temporary absence. 21 3.3 RESIDENT IDENTIFICATION. Upon admission, each resident shall have a visible means of identification 22 place and maintained on his or her person and property. 23 Part 4. PERSONNEL 24 4.1 POLICIES. The facility shall maintain written approved personnel policies, job descriptions, and rules 25 prescribing the conditions of employment, management of employees, and quality and quantity of 26 resident care to be provided. 27 4.1.1 The facility shall provide job specific orientation to all new employees within 90 days of 28 employment. 29 4.1.2 All personnel shall be informed of the purpose and objectives of the facility. 30 4.1.3 All personnel shall be provided access to the facility's personnel policies and the facility shall 31 provide evidence that each employee has reviewed them. 32 4.2 DEPARTMENTS. Each department of the facility shall be under the direction of a person qualified by 33 training, experience, and ability to direct effective services. 34 4.2.1 The facility shall provide a sufficient number of qualified personnel in each department to operate 35 the department. 36 37 4.2.2 All persons assigned to direct resident care shall be prepared through formal education or on the job training in the principles, policies, procedures, and appropriate techniques of resident care.

1 2	The facility shall provide educational programs for employees to be informed of new methods and techniques.
3	4.3 STAFF DEVELOPMENT COORDINATOR. The long term care facility shall employ a staff development coordinator who shall be responsible for coordinating orientation, inservice, on the job training, and
5	continuing education programs and for determining that staff have been properly trained and are
6	implementing results of their training. The objective of this standard is that staff be appropriately trained
7	in necessary aspects of resident care to carry out their job responsibilities.
8	4.3.1 The coordinator shall have experience in and ability to prepare and coordinate inservice education and training programs for adult learners in the area of geriatrics.
0	4.3.2. The facility shall employ a staff development coordinator for a sufficient amount of time to meet
1	4.3.2 The facility shall employ a staff development coordinator for a sufficient amount of time to meet
ユ	inservice, orientation, training, and supervision needs of staff. The facility shall provide for
2	appropriate staff follow-up.
3	4.3.3 The facility shall provide annual inservice education for staff in at least the following areas:
4	infection control, fire prevention and safety, accident prevention, confidentiality of resident
.5	information, rehabilitative nursing, resident rights, dietary, pharmacy, dental, behavior
6	management, disaster preparedness, and, if it has developmentally disabled residents,
.7	developmental disabilities, residents with Alzheimer's conditions, those conditions, or mentally ill
8	residents, mental illness.
9	4.3.4 The facility shall maintain attendance records with original signatures on inservice programs and course materials or outlines that staff who are unable to attend the program may review.
21	4.4 RECORDS. The facility shall maintain personnel records on each employee, including an employment
22	application, that includes training and past experience, verification of credentials, references of past
23	work experience, orientation, and evidence that health status is appropriate to perform duties in the
24	employee's job description.
25	4.5 REFERENCE MATERIALS. The facility shall provide current reference material related to the care that is
26	provided in the facility for use by all personnel.
27	4.6 STAFF IDENTIFICATION. All facility staff shall wear name and title badges while on duty, except where
28	they may pose a danger to staff or residents due to the nature of resident conditions.
29	Part 5. RESIDENT CARE
30	5.1 RESIDENT CARE. Residents shall receive the care necessary to meet individual physical, psycho-social,
31	and rehabilitative needs and assistance to achieve and maintain their highest possible level of
32	independence, self-care, and self-worth and well-being. Provision of care shall be documented in the
33	health record.
34	5.1.1 QUALITY OF LIFE. Residents shall be provided: a safe, supportive, comfortable, homelike
35	environment; freedom and encouragement to exercise choice over their surroundings,
86	schedules, health care, and life activities; the opportunity to be involved with the members of
37	their community inside and outside the nursing home; and treatment with dignity and respect.
88	5.1.2 PRESSURE ULCER PREVENTION AND CARE. (See also 7.7)
39	(1) For regidents where proceure ulgors developed while the regident was in the facility the
10	(1) For residents whose pressure ulcers developed while the resident was in the facility, the facility shall have:
L 1	(a) assessed the potential for skin breakdown, and

1 2 3 4 5	(b) provided preventive measures before the ulcer developed to residents identified in the assessment required in section 5.2 as at risk of pressure ulcers (i.e., a resident exhibiting three or more of the following symptoms: underweight, incontinence, dehydration, disorientation or unconsciousness, or limited mobility).
6	(2) For all residents with pressure ulcers, the facility shall:
7 8	(a) have developed an individualized treatment plan (as prescribed by section 5.7) designed to alleviate the condition;
9 10	(b) be providing active treatment to improve the condition in accordance with the treatment plan;
11 12	(c) be evaluating the resident's progress and treatment at least weekly and revising the treatment plan as needed and required by section 5.7;
13 14	(d) be providing proper nutrition and hydration to promote healing and prevent further breakdown.
15	5.1.3 ACCIDENT PREVENTION AND ATTENTION.
16	(1) The facility shall:
17	(a) investigate causes of accidents;
18 19	(b) monitor the resident's response to the accident, and obtain physician's or mental health evaluation, if needed;
20 21	(c) have developed and implemented an individualized plan as part of the care plan prescribed by Section 5.7 for prevention of future accidents;
22	(d) evaluate and revise the plan as needed.
23 24 25 26 27	(2) For residents at high risk for accidents, the facility shall have identified the risk in the care plan and taken reasonable precautions to prevent common accidents before the accident occurred. Residents at high risk of accidents include the blind, the deaf, those with seizure disorders, those with accidents in the last 6 months, the totally confused but ambulatory, new amputees, and residents on psychoactive drugs.
28	5.1.4 BEHAVIOR PROBLEM CARE.
29	(1) For residents with behavior problems the facility shall:
30 31	(a) have noted the behavioral problem and evaluated it in the initial assessment required by Section 5.2;
32 33	(b) develop and implement an individualized treatment plan as part of the care plan prescribed by Section 5.7;
34 35	(c) develop and implement a behavior management plan as part of the care plan prescribed by Section 5.7;
36	(d) obtain a mental health evaluation in appropriate cases;

2	(e) evaluate the resident's progress and revise the plan, as needed and required by Section 5.7;
3 4 5 6	(2) For residents receiving behavior modification drugs, the facility shall indicate in nurses' notes both positive and/or negative effects of the drug and that alternatives or adjuncts to the drugs in care planning were considered. These evaluations shall meet requirements of Section 7.10.8.
7	5.1.5 CONTRACTURE CARE. (See also 7.7)
8 9	(1) For residents with contractures upon admission, the facility shall have noted the problem, evaluated it, and undertaken restorative nursing intervention.
1 1 2 3 4	(2) For residents with contractures that occurred while in the facility, the facility shall have documented that range of motion and/or repositioning was performed before the contracture developed; if the resident refused treatment or preventive measures, the. facility shall have documented that such measures and the consequences of the refusal were explained to the resident.
5 6 7 8	(3) For all other residents with the potential for contracture, the facility shall have developed and be implementing an individualized treatment plan as part of the care plan prescribed in Section 5.7 to prevent or manage contractures and be periodically evaluating the progress. The plan shall be reviewed and revised at least annually as needed.
20	5.1.6 PROMOTION OF MOBILITY. (See also 7.7)
21 22 23 24	(1) For all residents, the facility shall have assessed each resident's ambulation potential and capability at least monthly, designed a plan of care as part of the care plan prescribed in section 5.7 to encourage mobility, be implementing the plan, regularly evaluate progress and revise the plan as needed.
25 26 27	(2) For residents requiring devices and/or personal assistance to ambulate, the facility shall provide and maintain devices in good repair, assist the resident to obtain appropriate footwear, and provide assistance to residents to move and transfer.
28	5.1.7 INDWELLING CATHETER CARE.
29	(1) For residents with any indwelling catheter, the facility shall have:
30	(a) evaluated appropriateness of continued use at least monthly;
31	(b) assessed the reason for the incontinence;
32 33	(c) evaluated the potential of bladder retraining, implementing it, if indicated, or documenting reasons if retraining was not indicated;
34	(d) implemented any physician order for irrigation or catheter replacement.
35 36 37	(2) For residents exhibiting signs or symptoms of urinary tract infection, the facility shall have notified the physician, obtained orders for treatment and implemented such treatment plan.
88	5.1.8 WEIGHT CHANGES. The facility shall:

1	(1) evaluate the resident to determine the cause of the weight change;
2 3 4	(2) develop and implement an individualized plan of care as part of the care plan prescribed by Section 5.7 (including appropriate intervention by other appropriate disciplines); evaluate resident progress as required by Section 5.7, and revise the plan, as needed;
5	(3) observe food and fluid intake and provide encouragement to residents with eating problems;
6	(4) provide reasonable choices of foods to meet personal preferences and religious needs;
7 8	(5) if nourishments are provided as part of the care plan, between meals and at bedtime, document the nourishments provided and whether they are consumed;
9 10	(6) provide assistance in eating or adaptive eating devices and assist residents in obtaining dentures, or dental care, as appropriate to the individual resident;
11	(7) for residents with mouth or gum problems, meet the requirements of part 10.
12	5.1.9 GROOMING.
13 14 15	(1) The facility shall assist the resident to obtain appropriate materials for personal care for the resident, provide personal care in a manner that preserves resident dignity and privacy, and provide social services intervention, if needed.
16 17 18	(2) For residents with inappropriate, unclean, or poorly maintained clothing and/or assistive devices, the facility shall assist the residents to obtain clothing, shoes and devices. Such clothing, shoes and devices shall fit properly, be clean, and be in good repair.
19	(3) For residents with poor oral hygiene, the facility shall meet the requirements of Part 10.
20	5.1.10 EXCORIATION PREVENTION AND GARE. (See also 7.7)
21 22	(1) For all residents who are incontinent or immobile, have impaired sensation, compromised nutritional or fluid status, or inadequate hygiene, the facility shall:
23 24	(a) have completed an initial skin evaluation upon admission and re-evaluated the condition at least weekly;
25	(b) be providing measures to prevent the excoriation, including:
26	(1) maintenance of clean, dry well lubricated skin;
27 28	(2) taking incontinent residents to the bathroom on a regular individualized schedule;
29	(3) evaluating the need for daily baths;
30 31	(4) determining potential trouble spots where microbial growth may occur (breasts, gluteal folds, skin folds).
32	(2) For residents with excoriations, the facility shall:
33 34	(a) develop and be implementing an individualized treatment plan as part of the care

1 2	 (b) evaluate the resident's progress at least daily and review and revise the treatment plan as needed;
3	(c) enter a progress note at least weekly in the health record.
4 5	5.1.11 FLUID MANAGEMENT. The facility shall provide fluid in quantities needed to maintain hydration and body weight and shall:
6	(1) assess each resident's hydration needs;
7 8	(2) observe and evaluate food and fluid intake daily and record and report deviations from sufficient food and fluid intake;
9 10	(3) provide assistance and encouragement to residents requiring assistance to meet their food and fluid requirements;
11	(4) provide self-help adaptive devices and encourage their use.
12 13 14 15	5.1.12 PERSONAL ENVIRONMENT. The facility shall allow for personalization of rooms through the use of residents' personal furniture, appliances, decorations, plants, and memorabilia. The facility may limit the number of furniture items in resident rooms if to do so is necessary to accommodate roommate preferences, fire codes, housekeeping, or safe movement in the room.
16	5.1.13 PERSONAL CHOICE. The facility shall:
17 18	(1) make reasonable efforts to accommodate preferences of roommate, including the right of each resident so requesting to be assigned to a room with non-smokers;
19 20	(2) allow residents flexibility in times to eat main meals, consistent with requirements of Section 11.2 and with its own reasonable staffing and scheduling requirements;
21 22	(3) allow residents flexibility in times to bathe, rise and retire, consistent with its own reasonable staffing and scheduling requirements;
23 24	(4) provide at least one alternative menu choice for each meal of similar nutritive value. The same alternative shall not be used for two consecutive meals.
25 26 27 28 29	5.1.14 PROBLEM RESOLUTION. The facility shall inform residents of the resident council and grievance procedures, the name, address, and phone number of the Long-Term Care Ombudsman, and the phone number and address of the Departments of Health and Social Services and the Colorado Foundation for Medical Care. Staff shall assist residents in raising problems to the facility's administration or appropriate outside agencies.
30 31 32 33 34 35 36 37	5.2 RESIDENT ASSESSMENT. Within twenty-four hours of admission to the long-term care facility, a licensed nurse shall assess each resident's physical, mental, and functional status, including strengths, impairments, rehabilitative needs, special treatments, capability for self administration of medications, and dependence and independence in activities of daily living. The initial assessment shall form the basis of the preliminary care plan. Within seven days of admission, the nurse shall also collaborate with social services staff in assessing discharge potential and shall coordinate assessments with social services, dietetic, and activity staff. These assessments shall form the basis of the interdisciplinary care plan prescribed by Section 5.7.
38	5.2.1 The continuing assessment shall at all times reflect resident status.

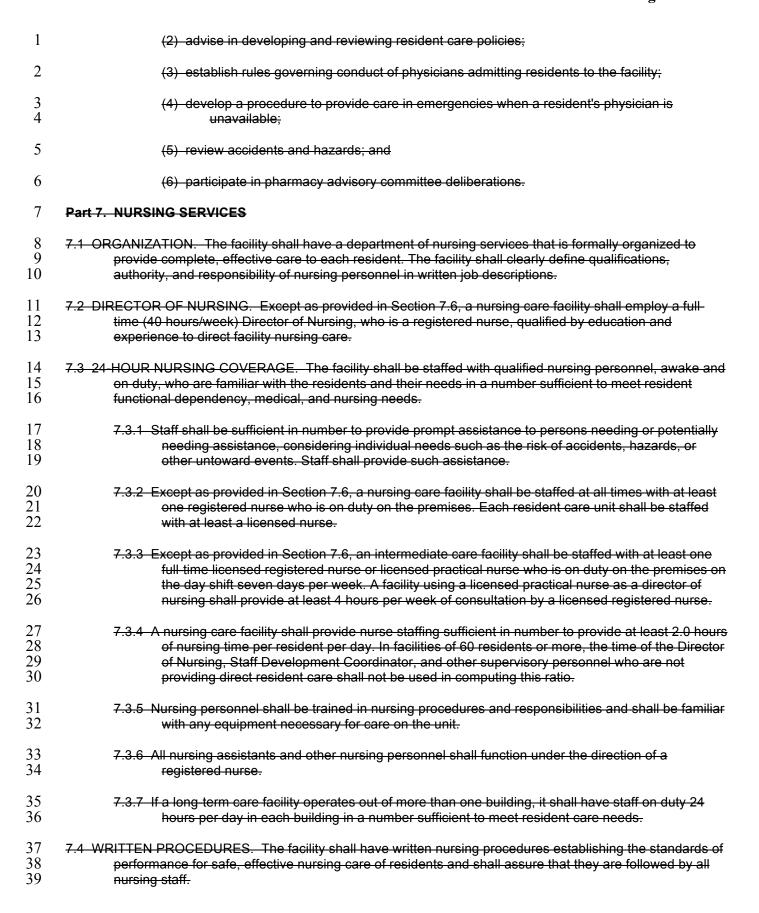
1 2	5.2.2 The assessment shall be updated at least at three month intervals, but in any event whenever a significant change of resident condition occurs.
3 4	5.2.3 The current resident assessment shall be a part of the resident's health record and available for all direct care staff to use.
5 6 7 8	5.3 NURSING CARE PLANNING. A licensed nurse shall prepare an individualized nursing care plan for each resident based on the resident assessment prescribed by Section 5.2 and applicable physician treatment orders. The purpose of the care plan is to create an individualized tool for carrying out preventive, therapeutic, and rehabilitative nursing care.
9 10	5.3.1 Within 24 hours of admission, nursing staff shall prepare and implement a preliminary nursing care plan to meet each resident's immediate needs.
11 12	5.3.2 Within one week of admission, nursing staff shall prepare and implement a comprehensive nursing care plan for each resident.
13 14 15	5.3.3 The plan shall meet each resident's unique needs, problems, and strengths by identifying resident strengths, needs, and problems; specifying care interventions to capitalize on the strengths and meet those needs or problems; and defining the frequency of each intervention.
16 17	5.3.4 The nursing care plan shall be current and evaluated and revised following each assessment and whenever the resident's condition changes.
18 19	5.4 SOCIAL SERVICES CARE PLANNING. Social services staff shall assess social services needs within one week of admission and develop a social services care plan to meet each resident's needs.
20 21	5.5 ACTIVITIES CARE PLANNING. Activities staff shall assess activities needs within one week of admission and shall develop an activities care plan to meet each resident's needs.
22	5.6 NUTRITIONAL CARE PLANNING.
23 24 25 26	(a) The Dietary supervisor or consultant shall prepare an initial nutritional history and assessment for each resident within two weeks of admission that includes special needs, likes and dislikes, nutritional status, and need for adaptive cutlery and dishes and develop a plan of care to meet these needs.
27 28 29 30 31 32 33	(b) In the event the facility elects to utilize paid feeding assistants or feeding assistant volunteers pursuant to Part 11.001 of this Chapter V, as part of the history and assessment conducted pursuant to paragraph (a) of this 5.6, the interdisciplinary team shall evaluate each resident regarding the suitability of the resident to be fed and hydrated by a feeding assistant. Such evaluation shall include, but need not be limited to each resident's level of care, functional status concerning feeding and hydration, and, the resident's ability to cooperate and communicate with staff.
34 35 36	5.7 INTERDISCIPLINARY CARE PLANNING. Within two weeks of admission, an interdisciplinary long-term care facility staff team shall develop a personalized overall care plan for each resident based on the resident assessments and applicable physician orders.
37 38	5.7.1 The overall care plan shall contain a list of resident problems and the discipline that will address each problem in its own more detailed plan of care.
39 40	5.7.2 The overall care plan shall be evaluated according to the goals set out in the plan, following each assessment and whenever the resident's condition changes.

Page 19 of 123

5.7.3 The interdisciplinary team shall consist of representatives of resident services inside and outside the facility, as appropriate, including at least nursing, social services, activities, and dietetic staff. Other persons, such as medical, pharmacy, and special therapies, shall be included as appropriate. Residents and their representatives shall be invited to participate in care planning. Refusal to participate shall be documented.

Part 6. MEDICAL CARE SERVICES

- 6.1 PHYSICIAN CARE. Each facility resident shall be admitted to the facility by a physician and have the benefit of continuing health care under supervision of a physician. The facility shall have written policies developed by the medical advisor to coordinate and designate responsibility when more than one physician is treating a resident. [See Part 26 exceptions]
 - 6.1.1 The facility shall take all necessary steps to assure that upon admission, the physician provides to the facility sufficient information to validate the admission and identify the resident and a medical plan of therapy to include diet, medications, treatments, special procedures, activities, specialized rehabilitative services, if applicable, and potential for discharge.
 - 6.1.2 The facility shall take all necessary steps to assure that the admitting physician provides to the facility on admission the anticipated schedule of visits to meet resident needs, which shall be no less often than every 6 months. Acknowledgement of the visit schedule by the resident or authorized representative shall be documented in the health record.
 - 6.1.3 The facility shall take all necessary steps to assure that telephone orders are received by a physician, licensed nurse or other appropriate disciplines as authorized by their professional licensure and are countersigned by the attending physician or dentist and entered in the record within 2 weeks.
 - 6.1.4 The facility shall take all necessary steps to assure that the attending physician authenticates medical histories and physical examinations completed by other authorized personnel.
 - 6.1.5 The facility shall take all necessary steps to assure that a licensed dentist authenticates dental examinations and dental histories completed by other authorized personnel and signs dental treatment records.
 - 6.1.6 The facility shall take all necessary steps to assure that the attending physician writes a progress note following each visit, and at least once per year provides a written evaluation of the resident's current medical status compared to the previous year's status.
 - 6.1.7 The facility shall take all necessary steps to assure that all drugs and therapies ordered by the physician are supported by diagnoses indicating the use of those drugs and therapies.
- 6.2 MEDICAL DIRECTOR. The facility shall retain by written agreement a physician to serve as medical director to the facility.
 - 6.2.1 The medical director is responsible for overall coordination of medical care in the facility and for systematic review of the quality of the health care provided by the facility and the medical services provided by the physicians in the facility. The medical director shall develop policies and procedures for medical care and for the physicians admitting residents to the facility.
 - 6.2.2 The medical director is responsible to:
 - (1) be a liaison between the facility and admitting physicians on matters related to attendance on residents, prompt writing of orders, and responding to requests by facility staff;



2	7.4.1 Procedures shall include the requirement that medications be administered in compliance with applicable Colorado law.
3 4	7.4.2 The nursing procedures shall be evaluated and revised as necessary, but no less often than annually.
5 6	7.5 NURSE STAFF RESPONSIBILITIES. Nursing staff shall participate in resident assessment, resident care planning, and resident nursing care, as prescribed by this Part and Part 5.
7 8 9 10 11	7.6 EXCEPTIONS. Nothing contained in this Part shall require any rural long-term care facility certified as a Skilled Nursing Facility or an Intermediate Care Facility under Medicaid to employ nursing staff beyond current federal certification requirements. Since federal standards require that nurse staffing be sufficient to meet the total nursing needs of all residents, resident conditions will in all events determine the specific numbers and qualifications of staff that each facility must provide.
12	7.6.1 A rural facility is one that is located in:
13	(1) a county of fewer than fifteen thousand population; or
14 15	(2) a municipality of fewer than fifteen thousand population that is located ten miles or more from a municipality of fifteen thousand population or over; or
16 17	(3) the unincorporated part of a county ten miles or more from a municipality of fifteen thousand population or more.
18 19 20 21	7.6.2 To the extent that these regulations require any facility to employ a registered nurse more than 40 hours per week, the Department may waive such requirements for such periods as it deems appropriate if, based on findings consistent with Part 4 of chapter II of these regulations it determines that:
22	(1) The facility is located in a rural area as defined in Subsection 7.6.1;
23 24	(2) The facility has at least one full time registered nurse who is regularly on duty 40 hours per week;
25 26 27 28 29 30	(3) The facility has only residents whose attending physicians have indicated in orders or admission notes that each resident does not require the services of a registered nurse for a 48 hour period or the facility has made arrangements for a professional nurse or physician to spend such time at the facility as is determined necessary by the resident's attending physician to provide needed services on days when the regular full-time registered nurse is not on duty; and
31 32 33	(4) The facility has made and continues to make a good faith effort to comply with the more than 40 hour registered nurse requirement, but registered nurses are unavailable in the area.
34 35 36	7.7 SUPPLIES AND EQUIPMENT. The facility shall provide the supplies and equipment necessary to conduct the preventive, therapeutic, and rehabilitative nursing program. Equipment includes devices to assist residents to perform activities of daily living.
37	7.7.1 Equipment shall be maintained in clean and proper functioning condition.
38 39	7.7.2 The facility shall provide or assist residents to obtain walkers, crutches, canes, and wheelchairs (with appropriate padding), all of which shall fit residents properly.

1 2	7.7.3 Nursing staff shall be trained in rehabilitative nursing procedures, including preventive nursing care measures, and in the proper use of prosthetic devices and equipment.
3	7.8 CARE POLICIES. The facility shall have written resident care policies approved by the governing body,
4	which staff shall follow.
5	7.9 RESIDENT SOCIALIZATION. Except where contraindicated by physician order or resident preference,
6 7	residents shall be dressed, encouraged to be active, be out of bed for reasonable periods of time each day, and encouraged to eat in a dining room.
8	7.10 MEDICATION ADMINISTRATION. Medications shall be identified as provided in Subsection 16.3.2. Staff
9 10	shall verify identification of the medication when the medication is prepared as well as when it is administered.
11	7.10.1 Medications and treatments shall be given only as ordered by a physician.
	7.10.1 Medications and treatments shall be given only as ordered by a physician.
12	7.10.2 Medication shall be administered in a form that can be most easily tolerated by, the resident.
13	Staff shall not mask the medication or alter its form, through crushing or dissolving or other
14	means, if to do so would be hazardous and not without first informing the resident or
15	responsible party.
16	7.10.3 Medications that are prepared but unused shall be disposed of in accordance with state law and
17	the facility's written procedures.
18	7.10.4 All administered medications shall be recorded in the resident's health record, indicating the
19	name, strength, dosage, and mode of administration of the medication, the date and time of
20	administration, and the signature of the person administering the medication.
21	7.10.5 To encourage independence and prepare residents for discharge, the facility shall permit self-
22	administration of medications in appropriate cases upon the order of the attending physician
23	and under the guidance of a registered or a licensed practical nurse.
24	7.10.6 If facility policy permits medications to be kept at the bedside, the pharmaceutical advisory
25	committee shall approve such types of medications. The facility shall assure that each such
26	medication is ordered by the physician to be kept at the bedside, it is used properly, use is
27	documented, and it is stored in a secure manner that protects all residents.
28	7.10.7 Drug reactions and significant medication errors shall be reported within thirty minutes to the
29	resident's physician. A call to the office or answering service does not meet the facility's
30	responsibility to provide emergency care. The resident's condition shall be monitored for 72
31	hours and observations documented in the health record.
32	7.10.8 If a resident is administered psychoactive medications, he or she snail be evaluated for
33	symptoms of tardive dyskinesia at least every three months.
34	7.11 RESTRAINTS.
35	(A) A PHYSICAL RESTRAINT is any manual method or physical or mechanical device,
36	material or equipment attached or adjacent to the resident's body that the individual
37	cannot remove easily which restricts freedom of movement or normal access to one's
38	body.
39	(B) A CHEMICAL RESTRAINT is anything that is used for discipline or convenience and not
40	required to treat medical symptoms. Any medication that can be used both to treat a
41	medical condition and to alter or control behavior shall be evaluated to determine its

1 use for the resident. If a medication is used solely or primarily to treat a medical 2 condition, it is not a chemical restraint. 3 7.11.1 Linen shall not be used as restraints. 4 7.11.2 The facility shall establish written policies and procedures governing the use of physical and 5 chemical restraints and shall assure that they are followed by all staff members. 6 7.11.3 Physical and chemical restraints shall only be used upon the order of a physician and only when necessary to prevent injury to the resident or others, based on a physical, functional, emotional 8 and medication assessment. 9 7.11.4 Restraints shall not be used for disciplinary purposes, for staff convenience or to reduce the 10 need for care of residents during periods of understaffing. 11 7.11.5 Whenever restraints are used, a call signal switch or similar device within reach or other 12 appropriate method of communication shall be provided to the resident. 13 7.11.6 If the resident needs emergency care, restraints may be used for brief periods to permit medical 14 treatment to proceed, unless the resident or legal representative has previously made a valid 15 refusal of the treatment in question. A resident whose unanticipated violent or aggressive 16 behavior places the resident or others in imminent danger does not have the right to refuse the 17 use of restraints as long as those restraints are used as a last resort to protect the safety of the 18 resident or others and use is limited to the immediate episode. 19 7.11.7 Residents in physical restraints shall be monitored at least every 15 minutes to assure that the 20 resident is properly positioned, blood circulation is not restricted, and other resident needs are 21 22 7.11.8 At least every two hours during waking hours, residents shall have the physical restraint 23 removed and shall have the opportunity to: drink fluids, be toileted, and be exercised, moved, or 24 repositioned, which activity shall be documented in the health record. 25 7.12 SAFETY DEVICES. A safety device such as an alarm, helmet or pillow is used to protect the resident from 26 injury to self, maintain body alignment, or facilitate comfort. Prior to using any safety device, the facility 27 shall assess the resident to properly identify the resident's needs and medical symptom/s that the safety 28 device is being employed to address. The facility shall also evaluate whether any safety device being 29 used meets the definition of a physical restraint as defined at section 7.11(A). 30 7.12.1 Linen shall not be used as safety devices. 31 7.12.2 Safety devices shall not be used for disciplinary purposes, for the convenience of staff, or to reduce the need for care of residents during periods of understaffing. 33 7.12.3 The facility shall establish written policies and procedures governing the use of safety devices 34 and shall assure that they are followed by all staff members. 35 7.12.4 If a safety device meets the definition of a restraint, then all regulations under section 7.11 apply. 36 37 A registered nurse may order a safety device after assessing and determining the need exists. Through the nursing assessment, if the need is ongoing, a comprehensive, documented 38 physical and functional assessment shall be completed no less often than after the first 24 39 hours, at the end of the week, and monthly thereafter. 40 7.12.5 At least every two hours residents with safety devices shall be monitored and such monitoring 41 shall be documented.

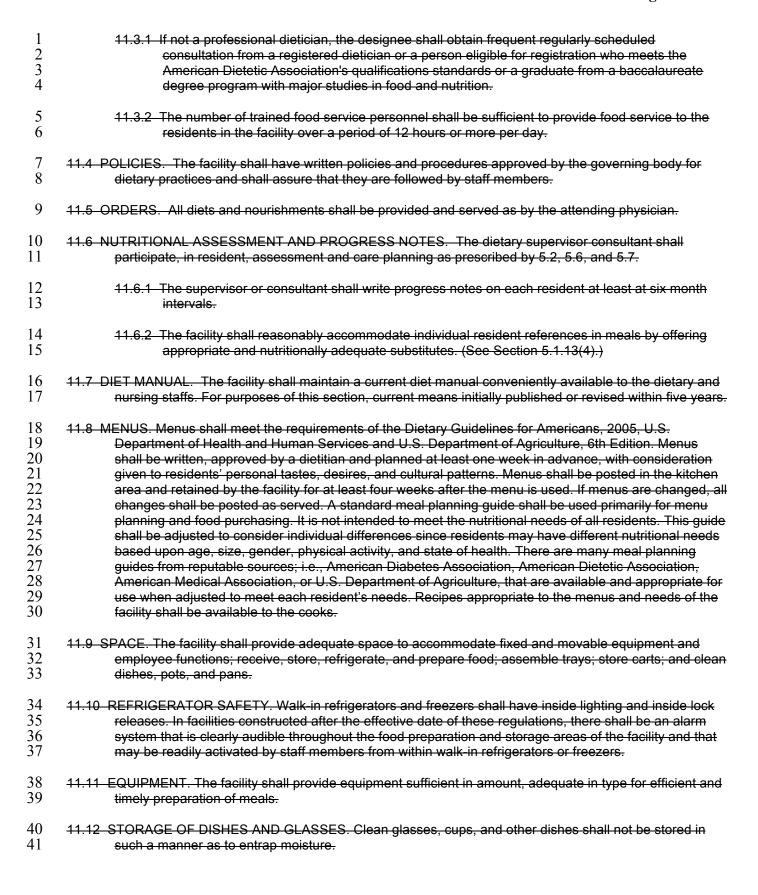
Page 22 of 123

1 7.12.6 Residents with safety devices shall have either a call signal switch or similar device within reach 2 or some other appropriate means of communication provided. 3 7.13 PHYSICIAN NOTIFICATION. Facility staff shall notify the attending physician promptly in cases of 4 significant change in resident status and any incident or accident involving the resident. 5 Part 8. SOCIAL SERVICES 6 8.1 SOCIAL SERVICES. The facility shall identify, plan care for, and meet the identified emotional and social 7 needs of each resident to enhance resident psycho-social health and well-being. 8 8.1.1 Social services staff shall be involved in the pre-admission process, providing input as to appropriateness of placement from a psycho-social perspective, except in emergency 10 admissions. Such involvement may include contact with the prospective resident or family 11 member, or interdisciplinary conferences that consider psycho-social issues as well as 12 medical/nursing criteria. 13 8.1.2 Social services staff shall provide for addressing needs of individuals or groups, either directly by 14 staff or by referral to community agencies. 15 8.1.3 Social services staff shall assist residents and families in coping with the medical and psycho-16 social aspects of the resident's illness and disability and the stay in the facility. 17 8.1.4 Social services staff shall assist residents in planning, for discharge by coordinating service 18 delivery with the nursing staff and by assessing availability and facilitating use of financial and 19 social support services in the community. 20 8.1.5 When services, such as community mental health services, are available in the community to 21 meet special residents' social and emotional needs, social services staff shall provide 22 appropriate referrals to community services. 23 8.1.6 Social services staff shall coordinate transfers (other than medical transfers) within and out of the facility and assist residents in adjusting to intra-facility. transfers. 25 8.1.7 Social services staff shall participate in resident assessment and care planning as prescribed by 26 5.2, 5.4, and 5.7, and shall provide social services to residents. Staff shall review and update 27 the assessment and care plan at least every six months. 28 8.1.8 Social services staff shall record information on social history in the health record and review it at 29 least annually. 30 8.1.9 Social services staff shall record progress notes in the resident's health record at least quarterly 31 for the first six months that a resident is in a long-term care facility and at least semi-annually 32 thereafter. 33 8.1.10 Social services staff shall participate in developing policies and procedures pertaining to social 34 services in the facility. 35 8.1.11 Social services staff shall provide orientation to new residents and their families (including 36 explanation of residents' rights) and assistance to residents and families in raising concerns 37 about resident care. 38 8.2 STAFFING. The facility shall employ social services staff qualified as provided in Subsections 8.2.1 and 39 8.2.2 and sufficient in number to meet the social and emotional needs of the residents.

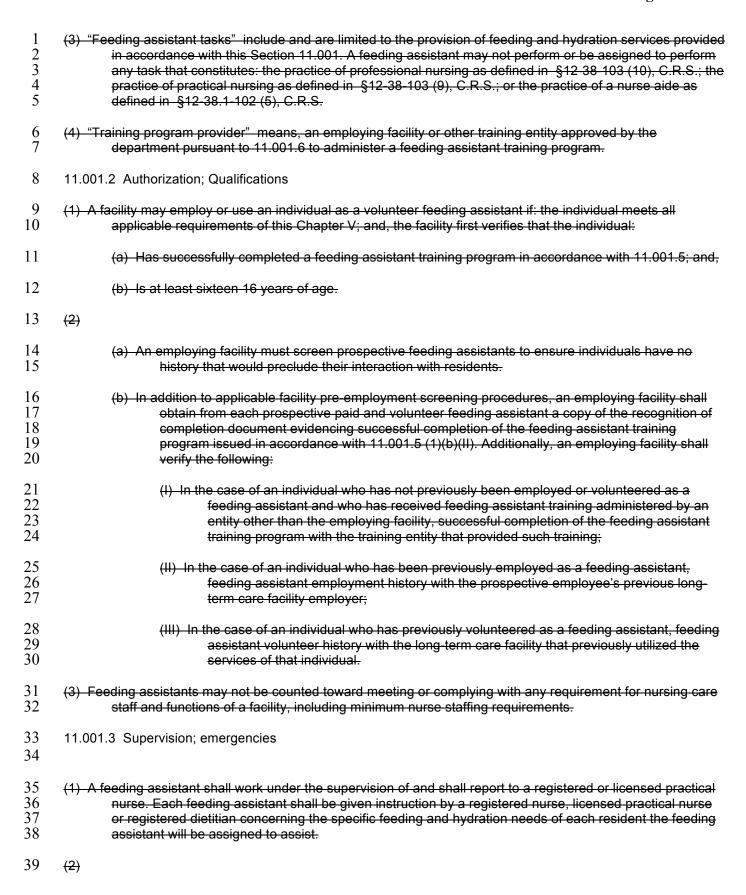
1 2	8.2.1 A qualified social work staff member of a public or private non-profit facility* is a person who is either:
3 4	(1) A social worker licensed or authorized expressly by state law to practice under supervision of a licensed social worker; or
5 6	(2) a person with a Master's or Bachelor's Degree in social work; or
7 8 9 10	(3) a person with a Master's or Bachelor's Degree in a related human services field who has monthly consultation from a person meeting the qualifications in subsections 1, or 2. The consultation shall be sufficient in amount to assist the social work staff to meet resident needs.
11 12 13 14 15	8.2.2 A qualified social work staff member of a for-profit facility* is a person who is either a social worker licensed or authorized expressly by state law to practice under supervision of a licensed social worker or a person with a Master's or Bachelor's Degree in social work or other human services field who has monthly consultation from a person so licensed or authorized; the consultation shall be sufficient in amount to assist the social work staff to meet resident needs.
16 17 18	8.2.3 Any facility that on the effective date of these regulations employed a person with a high school degree or GED as social services staff may continue to employ that individual with prescribed consultation.
19 20 21 22	8.2.4 Any facility located in a rural area as defined by subsection 7.6.1 may apply for a waiver under Part 4 of chapter II of the qualifications for a social services staff member under this section if it demonstrates that it has made a good faith effort to hire staff with the required qualifications, but that qualified social services staff are unavailable in the area.
23 24 25 26	8.3 FACILITIES AND EQUIPMENT. The facility shall provide for social services staff suitable space, equipped with a telephone, for confidential interviews with residents and families. The space shall provide visual and auditory privacy and locked storage for confidential records and be accessible to non-ambulatory persons.
27	Part 9. RESIDENT ACTIVITIES
28 29 30 31	9.1 ACTIVITIES PROGRAM. The facility shall offer a program of organized activities that promotes residents' physical, social, mental, and intellectual well-being, encourages resident independence and pursuit of interests, maintains an optimal level of psycho-social functioning, and retains in residents a sense of continuing usefulness to themselves and the community.
32 33 34 35	9.1.1 Activities shall be broad enough in scope to stimulate participation of all residents, including residents with mental and emotional impairments, but no resident shall be compelled to participate in any activity. Each month, activities shall include at least one from each of the following categories: social/recreational, intellectual, physical, spiritual, and creative.
36 37	9.1.2 The facility shall provide individual and group activities designed to meet each resident's individual needs.
38 39	9.1.3 Activities staff shall participate in resident assessment and care planning as prescribed by 5.2, 5.5, and 5.7, and shall implement activity programs.
40 41 42	9.1.4 The facility shall develop programs to encourage community contact, including use of community volunteers inside the facility and activities for residents outside the facility. The facility shall make reasonable arrangements for transportation for residents to such activities.

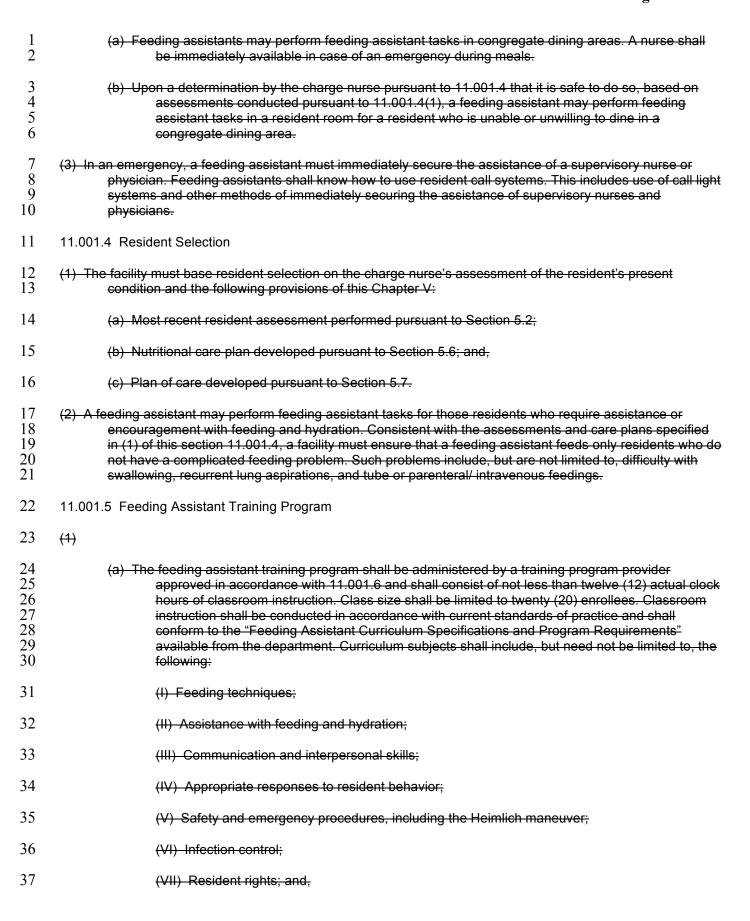
1 2	9.1.5 The facility shall provide activities daily, including at least one evening per week. Activities in addition to religious services shall be provided on weekends each week.
3 4	9.1.6 The facility shall post a monthly activities schedule where it is visible to all residents and families indicating date and time of each activity that is open to all residents.
5 6	9.1.7 The facility shall retain activity attendance records, maintained in a location other than the health record.
7 8	9.2 STAFFING. The facility shall employ activities staff sufficient in number to meet resident needs and qualified as either:
9 10	(1) an activity professional certified by the National Certification Council for Activity Professionals as an Activity Director Certified or Activity Consultant Certified;
11 12 13	(2) an occupational therapist or occupational therapy assistant meeting the requirements for certification by the American Occupational Therapy Association and having at least one year of experience in providing activity programming in a long term care facility;
14 15 16	(3) a therapeutic recreation specialist (registered by the National Therapeutic Recreation Society) having at least one year of experience in providing activity programming in a long term care facility;
17 18 19	(4) a person with a Master's or Bachelor's degree in the social or behavioral sciences who has at least one year of experience in providing activity programming in a long term care facility;
20 21 22 23	(5) a person who has completed, within a year of employment, a training course for activity professionals in an accredited state facility [if available] and who has at least two years experience in social or recreational program work, at least one year of which was full- time in an activities program in a health care setting; or
24 25 26	(6) a person with monthly consultation from a person meeting the qualifications set forth in subsections (1) through (5). The consultation shall be sufficient in amount to assist the activity staff members to meet resident needs.
27 28 29	9.3 RELIGIOUS SERVICES. The facility shall assist residents who are able and wish to do so to attend religious services of their choice. The facility shall honor resident requests to see their clergy and provide private space for such visits.
30 31 32 33	9.4 SPACE AND EQUIPMENT. The facility shall make available the supplies, space, and equipment to provide an activities program that meets each resident's individual needs. The facility shall provide an activities and recreation area and provide at least: books, current newspapers, games, stationery, radio, and television.
34	Part 10. DENTAL SERVICES
35 36 37	10.1 DENTAL EXAMINATION. Upon admission, each resident of a facility upon his/her consent or upon the consent of a responsible person, shall have an oral examination by a licensed dentist or an initial oral inspection by a licensed dental hygienist designated by a dentist.
38 39	10.1.1 The facility shall take all necessary steps to assure that the dental examination is conducted according to current dental practice.
40	10.1.2. The facility is not responsible to pay for such services.

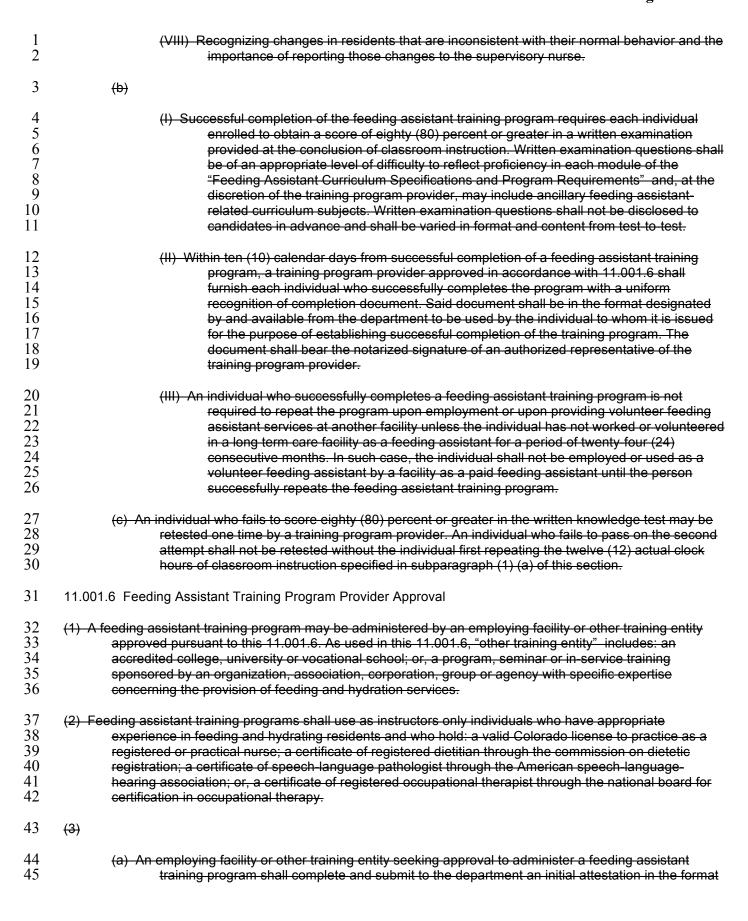
2	10.1.3 If the local dental society provides a list of dentists who are willing to participate, the facility shall make the list available to the residents.
3 4 5	10.1.4 In lieu of the admission examination, the resident may present written results, for entry into his/her medical record, of an oral examination administered during a period not to exceed six months prior to admission.
6 7 8	10.2 DENTAL RECORDS. The dentist or the designated dental hygienist is responsible for the dental record. For residents agreeing to participate in the program, the facility shall take all necessary steps to assure that there are complete, accurate dental records that include the following:
9	10.2.1 Results of all current dental examinations and plans for treatment.
10	10.2.2 One of the following to document provision of planned treatment:
11	(1) Record of treatment provided pursuant to a plan for treatment.
12 13 14 15	(2) A document signed by each resident of a nursing care facility or responsible party that states that the resident or responsible party is aware of any and all specific oral pathology identified during an oral examination of the resident, but elects not to obtain treatment because of cost or other reasons.
16 17 18	(3) In the event that the resident or responsible party elects not to obtain the initial oral examination, a signed statement to that effect in the resident's permanent medical record, which substitutes for the dental record requirement.
19 20 21 22	10.3 ORAL APPLIANCES. Upon consent, all residents' removable oral appliance and personal hygiene appliances (including without limitation, full dentures, partial dentures, and toothbrushes) shall be clearly identified and marked in a permanent manner with the user's name, as recommended by the dentist designated as advisory dentist to the facility.
23 24	10.4 DENTAL HYGIENE. Each facility shall implement policies for an oral hygiene for its residents, in consultation with the advisory dentist or the designated dental hygienist.
25 26 27	10.4.1 Direct care staff from each facility shall have at least annual inservice training course in preventive dentistry and oral hygiene, conducted by a dentist, dental hygienist, or preventive dental aide.
28	Part 11. DIETARY SERVICES
29 30 31	11.1 DIETARY SERVICES. The facility shall provide meals that are nutritious, attractive, well balanced, in conformity with physician orders, and served at the appropriate temperature in order to enhance residents' health and well being. It shall also offer nourishing snacks.
32 33 34 35 36 37	11.2 ORGANIZATION. The facility shall have an organized food service, appropriately planned, equipped, and staffed to prepare and serve the number of meals created in the kitchen. The facility shall offer at least three meals or their equivalent per day, at regular times, with not more than 14 hour between the beginning of the evening meal and breakfast. Routine seatings shall be no later than 8 A.M. for breakfast and no earlier than 5 P.M. for the evening meal. Timing of meals shall generally comport with cultural practices in the community, unless inconsistent with these regulations.
38 39 40	11.3 PERSONNEL. The administrator shall designate a dietician or person qualified by training and experience to be responsible for the dietary services.

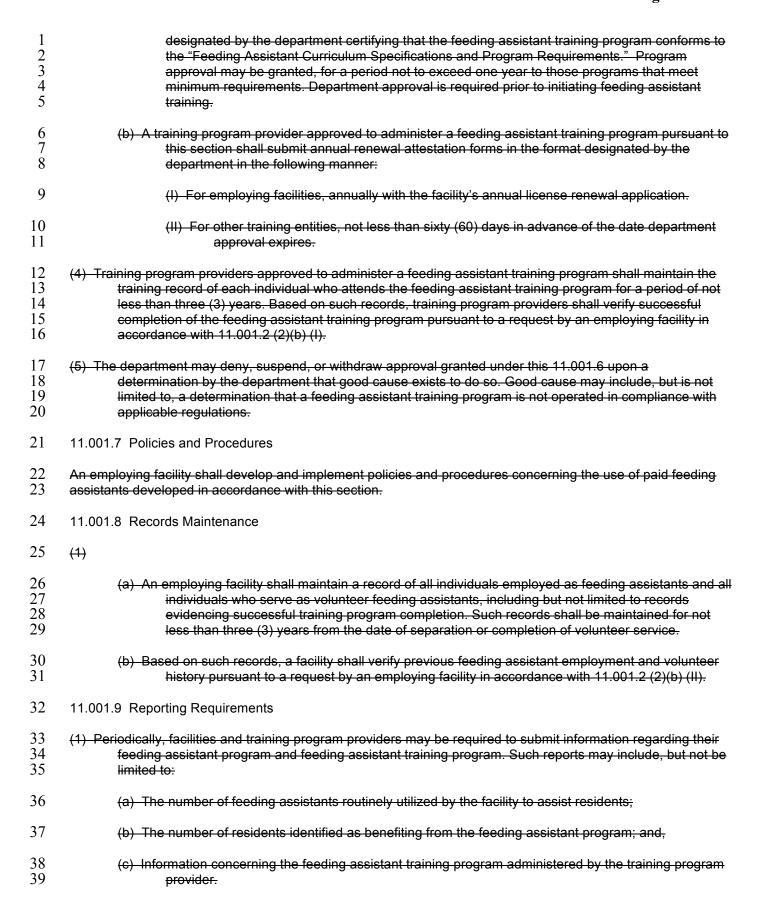


1 11.13 ISOLATION. Dishes and utensils with which food is served to residents in isolation because of infectious 2 diseases shall be sanitized if they are contaminated with infectious material such as blood drainage or 3 secretions or shall be disposable. 4 5 6 11.14 MILK. Milk for drinking shall be provided to consumers in an unopened, commercially filled container not exceeding a one pint capacity, or drawn from a commercially filled container stored in a mechanically refrigerated bulk milk dispenser, or poured directly into the drinking vessel from a commercially filled 7 half-gallon or gallon container that has been refrigerated until served to maintain a temperature of 45 8 degrees FAHRENHEIT or less. 9 11.15 NAIL POLISH AND FALSE NAILS. Staff involved in preparing and serving food shall not wear nail polish 10 or false nails. 11 11.16 DINING AND RECREATIONAL FACILITIES. Dining and recreation areas shall be readily accessible to 12 all residents, and shall not be in a hallway or lane of traffic in or out of the facility. Such space shall be 13 sufficient to accommodate activities conducted there, consistent with resident comfort and safety. The 14 dining and recreation areas may be separate or combined. 15 Part 11.001. FEEDING ASSISTANTS 16 11.001.1 Definitions. 17 Unless otherwise indicated, as used in Part 11.001: 18 (1) 19 (a) "Feeding assistant" means an individual who assists residents by performing feeding assistant 20 tasks, meets the requirements of Section 11.001.2 and 11.001.3; and, is paid as an employee 21 of a facility; used by a facility under arrangement with another agency or organization; or, who is 22 an unpaid volunteer. 23 (b) The following individuals may provide feeding assistance to residents without meeting the requirements of section 11.001.2 and 11.001.3: 25 (i) Registered or licensed nurses; 26 (ii) Certified nurse aides: 27 (iii) Registered dietitians; 28 (iv) Licensed health care practitioners with appropriate experience in feeding and hydrating 29 residents: 30 (v) Private duty aides and students in nursing education programs and other allied health 31 programs 32 who utilize facilities as clinical practice sites; or, 33 (vi) Resident family members. 34 (2) "Employing facility" means a facility that employs paid feeding assistants or utilizes the services of volunteer 35 feeding assistants.







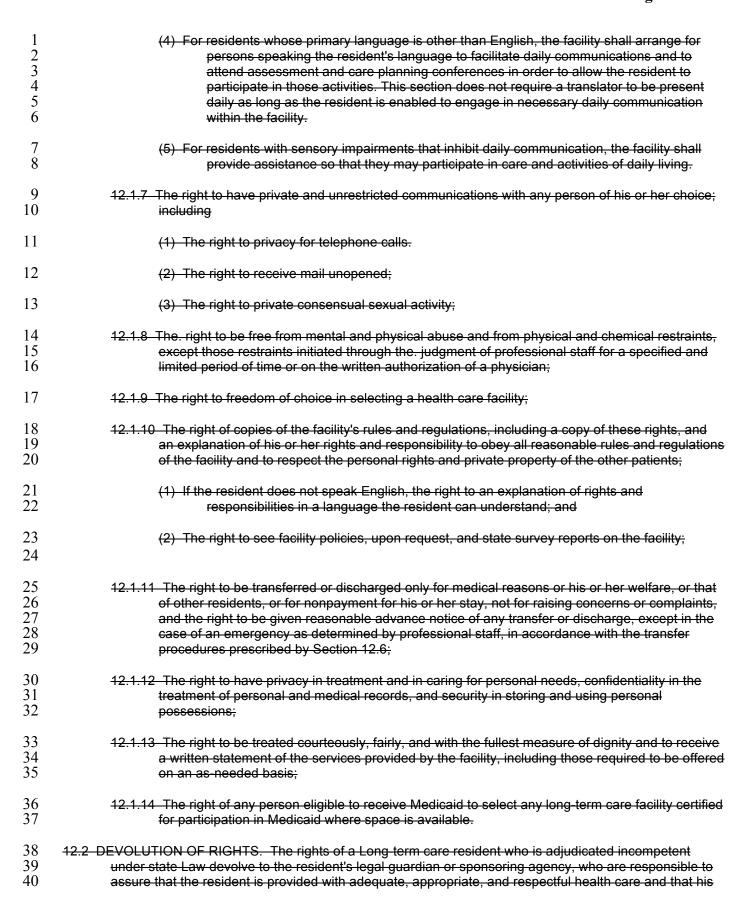


Page 34 of 123

Part 12. RESIDENTS' RIGHTS

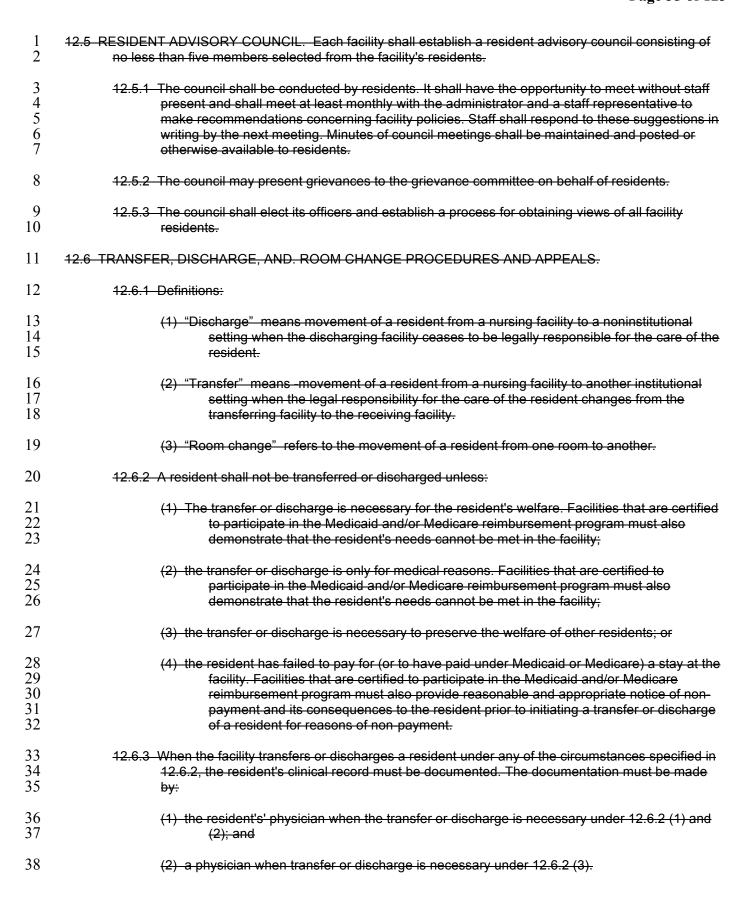
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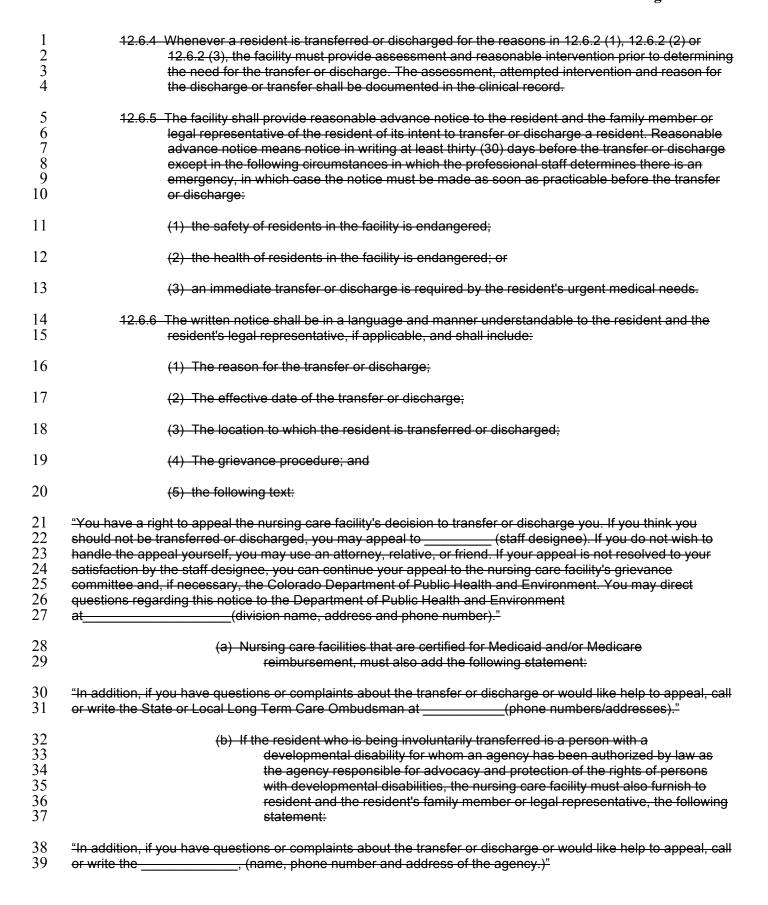
2 3 4 5	12.1 RESIDENTS' RIGHTS. The facility shall adopt a statement of the rights and responsibilities of their residents, post it conspicuously in a public place, and provide a copy to each resident or guardian before admission. The facility and staff shall observe these rights in the care, treatment, and supervision of the residents. Rights shall include at least:
6 7 8	12.1.1 The right to receive adequate and appropriate health care consistent with established and recognized practice standards within the community and with long-term care facility rules issued by the Department;
9	12.1.2 The right to civil and religious liberties, including:
10 11	(1) Knowledge of available choices and the right to independent personal decisions, which will not be infringed upon;
12 13	(2) The right to encouragement and assistance from the staff of the facility in the fullest possible exercise of these rights;
14	(3) The right to vote;
15	(4) The right to participate in activities of the community both inside and outside the facility;
16 17 18 19	12.1.3 The right to present grievances on behalf of him/herself or others to the facility's staff or administrator, to governmental officials, or to any other person, without fear of reprisal, and to join with other patients or individuals within or outside of the facility to work for improvements in resident care, including:
20	(1) The right to participate in the resident council;
21 22 23	(2) The right to be informed of the address and telephone number for the Department and the state and local Nursing Home Ombudsman; the facility shall post these numbers conspicuously;
24 25 26 27	12.1.4 The right to manage his or her own financial affairs or to have a quarterly accounting of any financial transactions made in his or her behalf, should the resident delegate such responsibility to the facility for any period of time;
28 29 30	12.1.5 The right to be fully informed, in writing, prior to or at the time of admission and during his or her stay, of services available in the facility and of related charges, including charges for services not covered under Medicare or Medicaid or not covered by the basic per diem rate;
31 32 33	12.1.6 The right to be adequately informed of his or her medical condition and proposed treatment unless otherwise indicated by his or her physician, and to participate in the planning of all medical treatment, including:
34 35	(1) The right to refuse medication and treatment, unless otherwise indicated by his or her physician, and to know the consequences of such actions;
36	(2) The right to participate in discharge planning; and
37 38	(3) The right to review and obtain copies of his or her medical records in accordance with Part 5 of chapter II of these regulations.

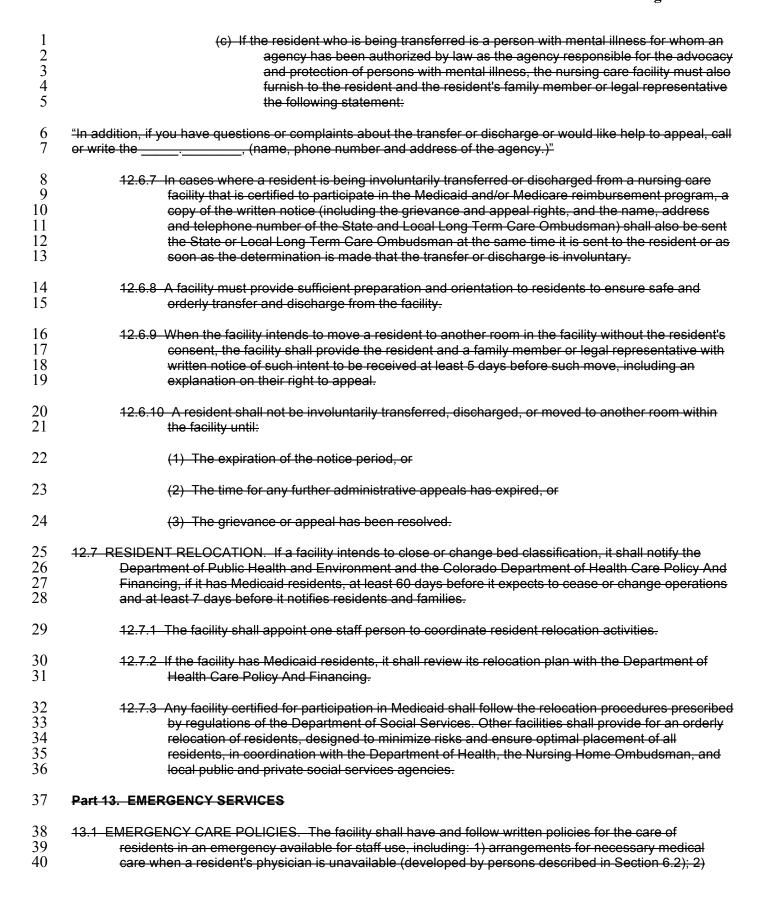


Page 36 of 123

1 or her rights are observed. In the case of devolution, the facility shall observe these rights with respect 2 to the guardian or sponsoring agency. 3 4 5 6 12.3 STAFF TRAINING IN RESIDENTS' RIGHTS. The facility shall provide a copy of the facility's statement of residents' rights at new employee orientation. Current employees shall be provided a copy of the rights no later than the first pay period after receipt of these rules. The facility shall train all staff in the observation and protection of residents' rights. Social services staff shall assist in residents' rights 7 orientation for new employees. 8 9 12.4 GRIEVANCE PROCEDURE. The facility shall develop a grievance procedure, which it shall post conspicuously in a public place, for presentation of grievances by residents, the resident council, or 10 members of the resident's family regarding any conditions, treatment, or violations of rights of any 11 resident by the facility or staff (regardless of the consent of the victim of the alleged improper conduct). 12 12.4.1 The facility shall designate a full time staff member ("staff designee") to receive all grievances. 13 12.4.2 The facility shall establish a grievance committee consisting of the chief administrator or his or 14 her designee, a resident selected by the facility's residents, and a third person agreed upon by 15 the administrator and the resident representative. 16 12.4.3 Any resident or legal representative, or member of a resident's family or the resident council may 17 present a grievance to the facility staff designee orally or in writing within 14 days of the incident 18 giving rise to the grievance. 19 12.4.4 The staff designee shall confer with persons involved in the incident and other relevant persons 20 21 and within 3 days of receiving the grievance shall provide a written explanation of findings and proposed remedies to the complainant and the aggrieved party, if other than the complainant, 22 and legal representative, if any. Where appropriate due to the mental or physical condition of 23 the complainant or aggrieved party, an oral explanation shall accompany the written one. 24 25 12.4.5 If the complainant or aggrieved party is dissatisfied with the findings and remedies of the staff 26 designee or their implementation, within 10 days of receiving the designee's explanation, the 27 complainant or aggrieved party may file the grievance orally or in writing along with any 28 additional information it wishes to the grievance committee. 29 12.4.6 The committee shall confer with persons involved in the incident and other relevant persons, 30 31 including the complainant, and within 10 days of the date of the appeal shall provide a written explanation of its findings and proposed remedies to the complainant and the aggrieved party, if 32 other than the complainant, and to the legal representative, if any. Where appropriate due to the 33 mental or physical condition of the complainant, or aggrieved party, an oral explanation shall 34 accompany the written one. 35 12.4.7 If the complainant or aggrieved party is dissatisfied with the findings and remedies of the 36 grievance committee or their implementation (except for grievances regarding physician or 37 physician-prescribed treatment), the person may file the grievance in writing with the Executive 38 Director of the Department within 10 days of receipt of the written findings of the grievance 39 committee. The Department shall then investigate the facts and circumstances of the grievance 40 and make written findings of fact, conclusions, and recommendations and provide them to the 41 complainant, aggrieved party, legal representative, if any and the facility administrator. 42 12.4.8 If the complainant or facility administrator is aggrieved by the Department's findings and 43 recommendations, he or she may request, within 30 days of receipt of the findings and 44 recommendations, a hearing to be conducted by the Department pursuant to C.R.S. 24-4-105.







1 procedures and training programs that cover immediate care of residents; and 3) persons to be notified 2 in an emergency. 3 4 5 6 7 8 9 13.2 FIRE AND INTERNAL DISASTER PLAN. With the assistance of qualified fire and safety experts, the facility shall develop written policies and procedures for protection of persons within the building in case of fire, explosion, flood, staff shortage, food shortage, termination of vital services, or other emergency in the building. Policies shall include: 1) brief, written instructions, posted at each nurses' station, that include persons to be notified and other immediate steps to be taken before the fire department or other assistance arrives; 2) a schematic plan of the building or portions thereof posted at each nurses' station, showing evacuation routes, smoke stop and fire doors, exit doors, and the location of fire extinguishers 10 and fire alarm boxes; 3) procedures for evacuating helpless residents; A) assignment of specific tasks 11 and responsibilities to the personnel on each shift; 5) provision for at least annual training and 12 instruction to keep employees informed of their duties; and 6) provisions for conducting simulated fire 13 drills at least three times per year. 14 13.3 MASS CASUALTY PLAN. Each facility shall develop a written mass casualty plan for managing residents 15 and treating casualties in an external or community disaster. The program shall be developed in 16 cooperation with other health facilities in the area and with official and other community agencies. 17 Part 14. FACILITY RECORDS 18 19 14.1 HEALTH RECORDS. The facility shall maintain on its premises a health record for each resident. The 20 record and the resident for which it is maintained shall be identified by a separate, unique number. The 21 record shall contain sufficient information to identify the resident; provide and support resident 22 23 24 diagnoses; include orders for medications, treatments, restorative services, diet, special procedures, and activities. It shall include a care plan and discharge plan and indicate in progress notes the resident's progress at appropriate intervals. The components of the record may be kept separately as 25 long as they are readily retrievable. 26 14.1.1 Only physicians, dentists or persons operating under their supervision shall write or dictate 27 28 medical histories and physical examinations in the medical record, and only dentists shall write dental histories. 29 14.1.2 Telephone orders shall be taken by licensed nurses or members of other appropriate disciplines 30 as authorized by their professional licensure and as approved in facility policy. They shall be 31 countersigned by the physician or dentist and entered into the record within two weeks. 32 33 14.1.3 All orders for diagnostic procedures, treatments, and medications shall be entered into the health record and authenticated and signed by the physician, except that orders for dental 34 procedures shall be authenticated and signed by a dentist. All reports of x-ray, laboratory, EKG, 35 and other diagnostic tests shall be authenticated by the person submitting them and 36 incorporated into the health record within two weeks after receipt by the facility. 37 14.1.4 All entries in the health record shall be the original ink or typed copy of valid copies, kept current, 38 dated, and signed or authenticated. The responsibility for completing the health record rests 39 with the attending physician and the facility administrator. A physician may authenticate the 40 health record by written signature, identifiable initials, computer key, or, under the following 41 conditions, facsimile stamp: 42 (1) The physician whose signature the facsimile stamp represents is the only one who has 43 possession of the stamp and is the only one who uses it; and

(2) The physician places in the medical record office a signed statement to the effect that the

physician is the only one who has the stamp and the only one who will use it.

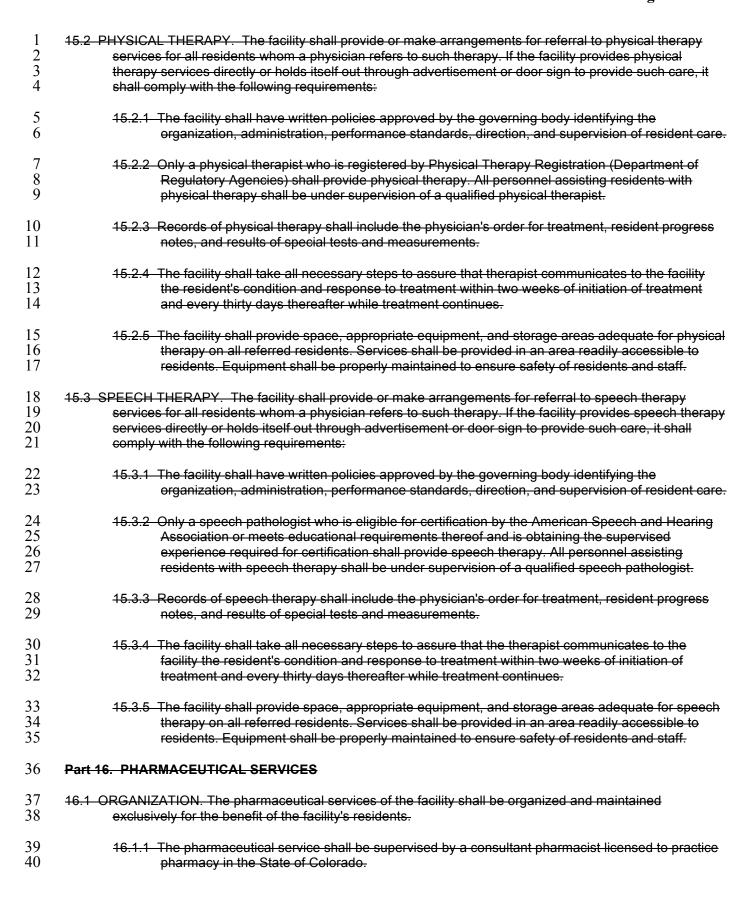
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Page 41 of 123

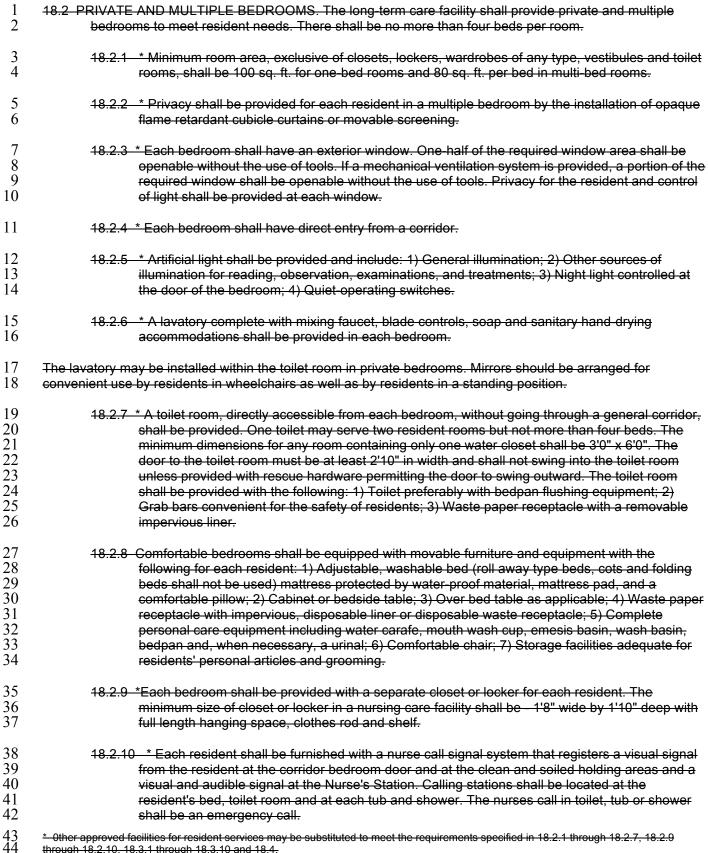
1 2	14.1.5 A completed health record shall be maintained on every resident from the time of admission through the time of discharge. All health records shall contain:
3	(1) Identification and summary sheet that includes:
4 5 6 7 8	(a) resident's name, health record number, social security number, marital status, age, race, home address, date of birth, place of birth, religion, occupation, name of informant and other available identifying sociological data (country of citizenship, father's name, mother's maiden name, military service, if any, and dates),
9	(b) name, address, and telephone number of referral source,
10	(c) name, address, and telephone number of attending physician and dentist,
11	(d) name of next of kin or other responsible person,
12	(e) date and time of admission and discharge,
13	(f) admitting diagnosis, final diagnosis(es), condition on discharge, and disposition, and
14	(g) attending physician's signature.
15	(2) Medical data that includes:
16	(a) medical history,
17 18	(b) medical evaluation reports on admission and thereafter as needed and at least annually,
19	(c) reports of any special examinations, including laboratory and x-ray reports,
20	(d) reports of consultations by consulting physicians, if any,
21	(e) reports from all consulting persons and agencies, if any,
22	(f) reports of special treatments, such as physical or occupational therapy,
23	(g) dental reports, if any,
24 25	(h) treatment and progress notes written and signed by the attending physician at the time of each visit,
26 27 28	(i) authentication of hospital diagnosis(es) in a hospital summary sheet or transfer form when applicable, and a summary of the course of treatment followed in the hospital if the resident is hospitalized,
29 30	(j) physician orders for all medications, treatments, diet, and restorative and special procedures,
31	(k) autopsy protocol, if any, and authorization for autopsy, and
32 33 34	(3) plans and notes of the social service and activities service, including social history, social services assessment/plan, progress notes, activities assessment/plan and activities progress notes;

•	(4) nutritional assessments and progress notes of the dietary service; and
2	(5) reports or accidents or incidents experienced by the resident,
3	(6) Nursing records, dated and signed by nursing personnel, which include the resident
1	assessment required by Section 5.2, all medications and treatments administered,
7	
3	special procedures performed, notes of observations, and the time and circumstances
6	of death.
7	14.2 FACILITIES. The facility shall provide a health record room or other health record accommodation and
8	supplies and equipment adequate for health record functions. Health records shall be maintained and
9	stored safely for confidentiality and protection from loss, damage, and unauthorized use.
10	14.3 PRESERVATION. All health records shall be completed promptly, not later than 30 days following
11	resident discharge, filed, and retained for a period of time consistent with the applicable statute of
12	limitations and the facility's written policies.
13	14.4 STAFFING. A Registered Record Administrator (RRA), Accredited Record Technician (ART), or other
14	employee who is trained in medical records and who has consultation from a registered record
15	administrator or accredited record technician shall be responsible for the custody, supervision, filing,
16	and indexing of completed health records of all residents and for allied health records services.
17	14.5 LONG-TERM CARE FACILITY RECORDS. The facility shall maintain current the following records: 1)
18	daily census including current resident problems and room numbers, 2) admission and discharge
19	analysis records, 3) master resident file, 4) resident number index, and 5) disease index and (6) file of
20	all accident and incident reports, including without limitation, those required by Part 3 of Chapter II.
21	Part 15. OCCUPATIONAL, AND PHYSICAL AND SPEECH THERAPY
22	15.1 OCCUPATIONAL THERAPY. The facility shall provide or make arrangements for referral to occupational
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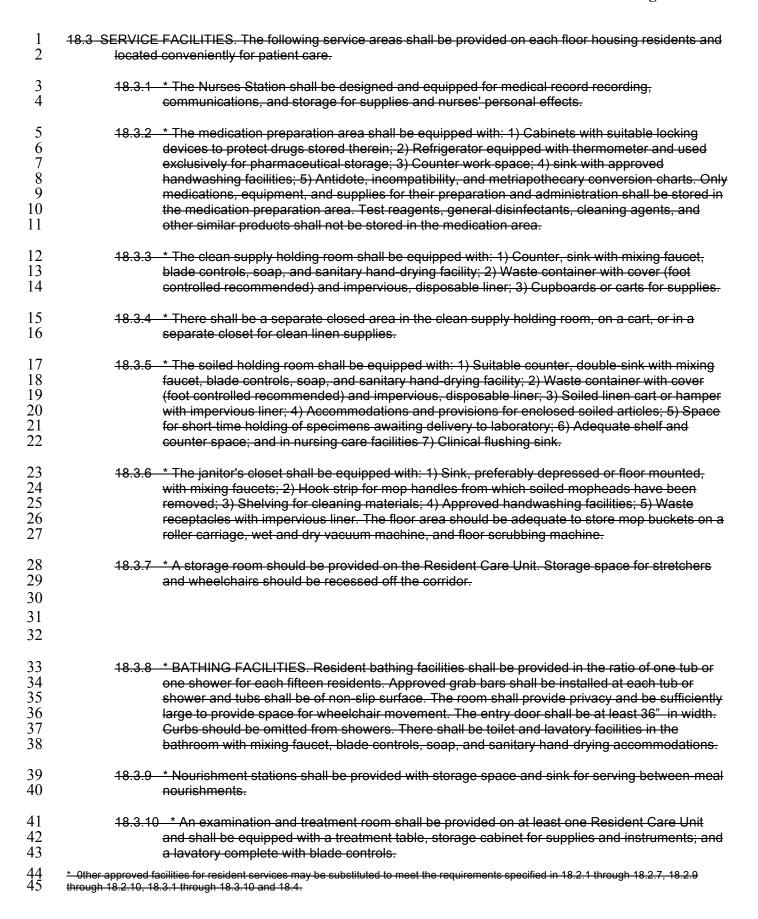


1 2	16.1.2 All compounding and dispensing shall be from a pharmacy licensed by the Colorado Board of Pharmacy in accordance with all pharmacy laws and regulations.
3 4	16.2 ADVISORY COMMITTEE. The facility shall establish a pharmaceutical advisory committee, including a registered nurse, the consulting pharmacist and the medical advisor, to assist in the formulation of
5	broad professional policies and procedures relating to pharmaceutical service in the facility.
6 7	16.3 DRUG REQUISITION AND STORAGE POLICIES. The facility shall designate in written policies approved by the governing body the person authorized to requisition, receive, control, and manage drugs.
8	16.3.1 Resident drugs shall be obtained from a licensed pharmacy on an individual prescription basis for each resident.
0 1 2 3 4	16.3.2 Unless the facility uses a unit dose system, each resident drug shall be stored in individual, originally received containers or "blister" or "bubble" cards that are clearly and legibly labeled with the name, strength, dosage, frequency and mode of administration, date of issue and expiration of the drug; physician's name; name, address, and telephone number of the dispensing pharmacy; and the full name of the resident for whom the drug is prescribed.
5	16.3.3 The facility shall protect each resident's drugs from use by other residents, visitors, and staff.
6 7 8	16.4 CONSULTING PHARMACIST. The facility shall contract in writing with a licensed pharmacist to be responsible for all pharmaceutical matters in the facility. The contract shall set forth the fees to be paid for services and the pharmacist's responsibilities, including at least the following:
9	(1) Legal compounding;
20	(2) Prompt dispensing of properly labeled individual resident prescriptions;
21	(3) Inventory control; establishment of necessary records;
22	(4) Periodic inspection of all pharmaceutical supplies and drugs on all resident care units;
23 24 25	(5) Provision of an emergency medical kit, which remains the property of a licensed pharmacy approved by the pharmaceutical advisory committee and the Colorado State Board of Pharmacy;
26	(6) Regularly scheduled visits and consultations and at least annual in-service training to staff;
27 28	(7) Inspection of prescriptions all drugs for proper labeling, proper storage, and drug deterioration or expiration of shelf life;
29	(8) Determination of proper procurement and maintenance of all prescriptions and other drugs;
80	(9) Development of proper accounting procedures for controlled substances and legend drugs;
31	(10) Evaluation of the rule 01 policies of the pharmaceutical advisory committee; and
32 33 34	(11) Quarterly reports to the Pharmacy Advisory Committee on the status of pharmacy services.
35	
36 37	16.5 CONTROLLED SUBSTANCES. Only practitioners authorized under the laws of the State of Colorado and properly registered with the federal government shall prescribe controlled substances, The facility shall

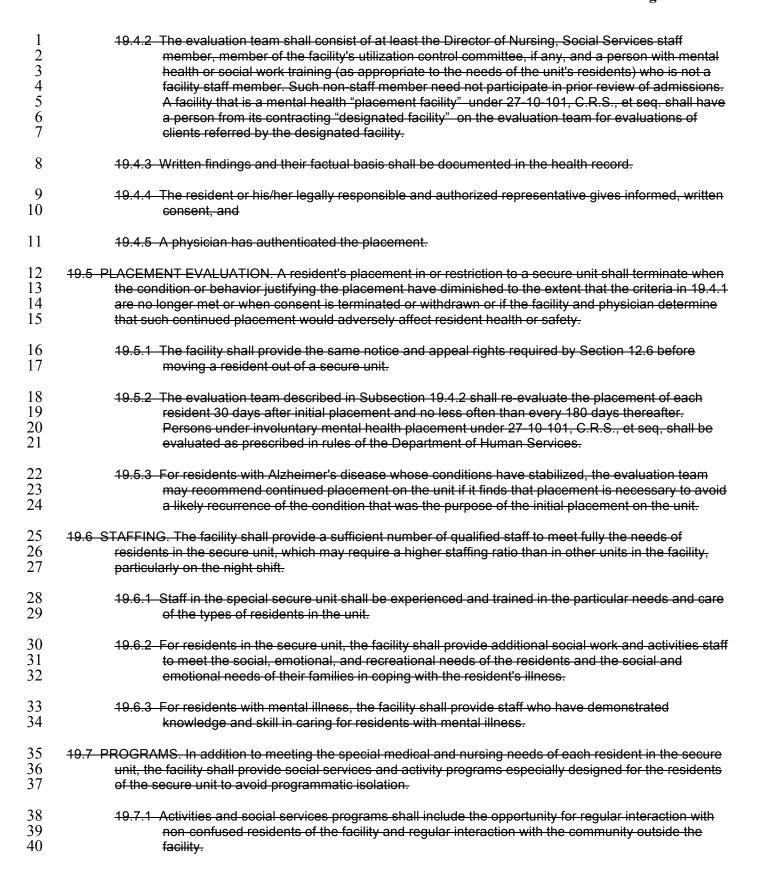
1 comply with all federal and state laws and regulations relating to procurement, storage, administration, 2 and disposal of scheduled drugs. Unless the facility uses a unit dose system, it shall maintain a record 3 on a separate sheet for each resident receiving a scheduled drug, which contains the name of the drug, 4 strength, date, time administered, resident name, dose, physician's name, signature of person 5 administering, and the quantity of the drug remaining. 6 16.6 DISPOSITION OF MEDICATIONS 7 16.6.1 If controlled substances (Schedules 2 through 5) are being held by a facility on behalf of a 8 resident and the controlled substances are no longer needed, the facility shall conduct on site 9 destruction of the controlled substances as follows: 10 (1) The facility shall properly inventory the destruction and keep the inventory copy on file for at 11 least two years. 12 (2) At least the administrator or designee, the supervisory nurse, and the consulting pharmacist 13 shall witness each destruction and sign the destruction inventory. 14 (3) The destruction shall be performed in a manner that renders the controlled substances 15 totally irretrievable. 16 16.6.2 Except for medications returned to a pharmacist or transferred to a relief agency as provided 17 under 6 CCR 1011-1, Chapter II, Subpart 7.200 Donation of Unused Medications, Medical 18 Devices, and Medical Supplies, all prescriptions and other drugs (except controlled substances) 19 remaining upon death or discharge shall be destroyed by the administrator, a registered nurse, 20 and a pharmacist who shall record the quantity of the drugs destroyed. 21 16.7 MEDICATION RELEASE. The facility staff shall release medications to a resident only upon written 22 physician authorization. 23 16.8 RESIDENT DRUG PROFILE RECORD. The dispensing pharmacist shall maintain drug profile records on 24 each resident for whom he or she dispenses medications. 25 Part 17. DIAGNOSTIC SERVICES 26 17.1 POLICIES. The facility shall establish and follow policies for obtaining clinical laboratory, x-ray, and other 27 diagnostic services. 28 17.2 PHYSICIAN ORDERS. Diagnostic services shall be provided only on the order of the attending physician 29 or dentist. 30 17.3 TRANSPORTATION. The facility shall assist residents to make arrangements for transportation of 31 residents and/or laboratory specimens to and from the source of diagnostic services. 32 17.4 REPORTS. All diagnostic reports shall be included in the resident's health record within thirty days of the 33 time the facility receives them. 34 Part 18. RESIDENT CARE UNIT 35 36 18.1 RESIDENT CARE UNIT. A resident care unit means a designated area of a long-term care facility 37 consisting of a bedroom or a grouping of bedrooms with supporting facilities and services that are 38 planned, organized, operated, and maintained to provide adequate nursing and supportive care of not 39 more than sixty residents.



^{*} Other approved facilities for resident services may be substituted to meet the requirements specified in 18.2.1 through 18.2.7, 18.2.9 through 18.2.10, 18.3.1 through 18.3.10 and 18.4.



1 2	18.4 * PERSONNEL TOILET FACILITIES. Toilet facilities shall be provided for personnel on each Resident Care Unit.
3	* Other approved facilities for resident services may be substituted to meet the requirements specified in 18.2.1 through 18.2.7, 18.2.9 through 18.2.10, 18.3.1 through 18.3.10 and 18.4.
5 6 7 8	18.5 EMERGENCY EQUIPMENT AND SUPPLIES. The following shall be readily available at all times: 1) Oxygen; 2) Suction; 3) Portable emergency equipment, supplies and medications; and in nursing care facilities 4) Compatible supplies and equipment for immediate intravenous therapy to be administered only in accordance with applicable Colorado laws.
9	18.6 THERMOMETER. A disinfected thermometer shall be used each time a resident's temperature is taken.
10	18.7 DRESSINGS. There shall be individual resident equipment and supplies for changing dressings.
11	Part 19. SECURE UNITS
12 13 14	19.1 COMPLIANCE. Any facility that has one or more units that are secured to prohibit free egress of residents shall comply with the standards in this Part in addition to all other applicable requirements of this chapter.
15 16 17	19.2 MENTAL HEALTH FACILITIES. Any facility that is a "designated" or "placement" facility under 27-10-101 C.R.S., et seq, shall comply with the regulations of the Department of Human Services. In the case of conflicting regulations, the stricter shall apply.
18	19.3 ADMISSIONS.
19 20 21 22	19.3.1 Residents on a secure unit shall be placed so as to insure that those placed in the unit because they are dangerous to self or wander out of the building and are unable to return on their own are protected from harm by residents who are a danger to others or whose behavior seriously disrupts the rights of other residents.
23 24	19.3.2 Placement on a secure unit shall not be used for the punishment of a resident or the convenience of the staff and shall be the least restrictive alternative available.
25	19.3.3 A facility shall have written programs to treat residents whom it admits, as required by 19.7.
26 27	19.3.4 Residents of a secure unit shall be allowed to have visitors on the unit. Residents of the facility may participate in organized activities on the unit.
28 29	19.4 PRE ADMISSION SCREENING AND PLACEMENT. The facility shall not place a resident into a secure unit unless the requirements of this section are met:
30	19.4.1 An evaluation team finds, based on available evidence, that:
31	(1) the resident is a serious danger to self or others, or
32 33	(2) the resident habitually wanders or would wander out of buildings and is unable to find the way back, or
34 35	(3) the resident has a significant behavior problem that seriously disrupts the rights of other residents; and in all cases
36	(4) less restrictive alternatives have been unsuccessful in preventing harm to self or others; and
37	(5) legal authority for such restrictive authority has been established.



1 2 3	19.7.2 Residents of the secure unit may not be locked into or out of their rooms, except that facilities that are "designated" or "placement" facilities under 27-10-101, C.R.S. et seq, may use seclusion under procedures prescribed by Department of Human Services' regulations.
4 5 6	19.8 PHYSICAL FACILITIES. In addition to the physical plant requirements of these regulations, the facility shall provide at least 10 square feet per resident (excluding hallways) of common areas within the secure unit.
7 8	19.8.1 The facility shall identify its method for securing the unit and establish and implement procedures for monitoring the effectiveness of the security system.
9 10	19.8.2 Any facility that has an outside area or yard that residents in the non-secure areas of the facility may use shall establish a secure outside area for residents of the secure unit.
11 12 13	19.8.3 In accordance with 6 CCR 1011-1, Chapter II, Part 4, a facility may seek a waiver from the standards required in Part 18 of this Chapter that may be detrimental to resident needs, safety, or health.
14	Part 20. HOUSEKEEPING SERVICES
15 16	20.1 ORGANIZATION. Each facility shall establish an organized housekeeping service that keeps the facility clean and orderly and free from odor resulting from poor housekeeping practices.
17 18	20.1.1 The facility shall provide a sufficient number of housekeeping personnel and adequate equipment.
19 20	20.1.2 Deodorizers shall not be used to cover up odors caused by unsanitary conditions, poor nursing care, or housekeeping practices.
21 22	20.2 EQUIPMENT AND SUPPLIES. Suitable equipment and supplies shall be provided for cleaning of all surfaces. Such equipment shall be maintained in a safe, sanitary condition.
23 24	20.3 DISINFECTANTS. Disinfectants shall be only those registered by the manufacturer with the United States Environmental Protection Agency and shall be stored in a manner approved by the Department.
25 26	20.4 STORAGE, Storage areas, attics, and cellars shall be kept safe and free from accumulations of extraneous materials such as refuse, discarded furniture, and old newspapers.
27	20.4.1 Combustibles such as cleaning rags and compounds shall be kept in closed metal containers.
28 29 30 31 32	20.4.2 Cleaning compounds and other hazardous substances (including products labeled "Keep out of reach of children" on their original containers) shall be clearly labeled to indicate contents and (except when a staff member is present) shall be stored in a location sufficiently secure to deny access to confused residents. Janitors' rooms used for storing disinfectants and detergent concentrates, caustic bowl and tile cleaners, and insecticides shall be locked.
33 34	20.4.3 Paper towels, tissues, and other absorbent paper goods shall be stored in a manner that prevents their contamination prior to use.
35 36	20.5 CLEANING METHODS. Cleaning shall be performed in a manner to minimize the spread of pathogenic organisms. Floors shall be cleaned regularly.
37 38	20.6 FLOOR SURFACES. Uncarpeted floors and adjacent base coving shall be maintained to provide a smooth, continuous, washable surface that is free of discoloration or staining. Polishes applied to

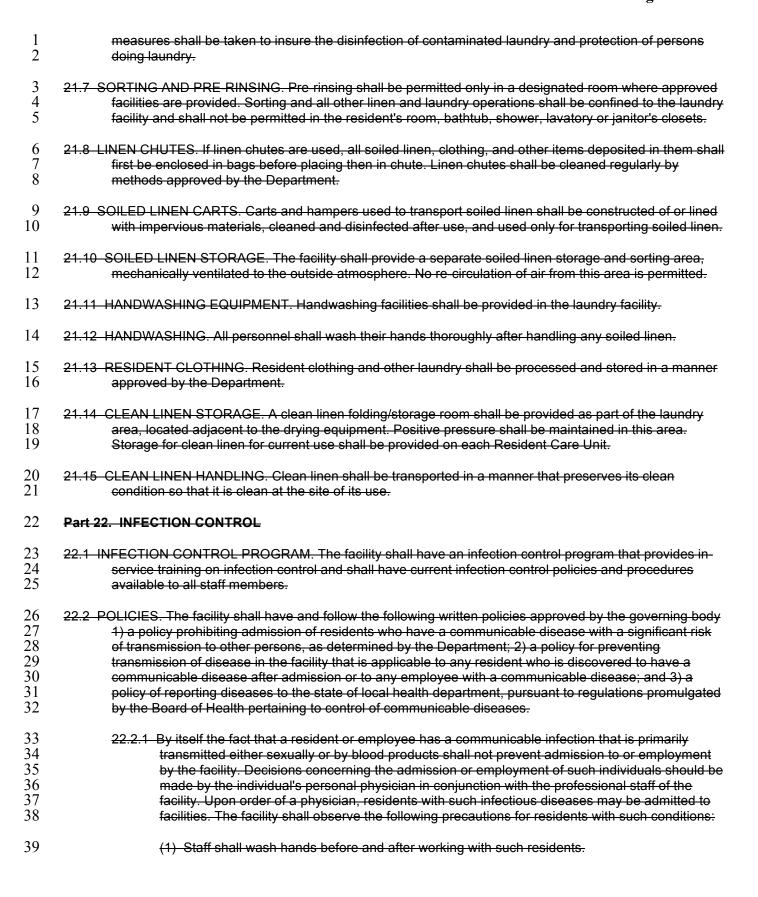
1 uncarpeted floors shall provide a nonslip surface; throw or scatter rugs shall not be used except for 2 nonslip entrance mats. 3 20.7 HANDWASHING. All personnel shall wash their hands thoroughly after handling waste products. 4 20.8 TRAINING AND SUPERVISION. Housekeeping personnel shall receive adequate supervision. Frequent 5 in-service training programs shall be provided for housekeeping personnel. 6 20.9 POISON CONTROL. The facility shall maintain at each nurses' station a current list of potentially 7 hazardous substances in regular use by housekeeping and other staff and the name, manufacturer, 8 EPA registration number, notation of where used and by whom, where stored, cautionary information, 9 antidote if any, and phone number of the poison control center. 10 Part 21. LINEN AND LAUNDRY 11 21.1 LAUNDRY FACILITIES. Laundry facilities and/or contract with commercial laundry shall be provided with 12 the necessary washing, drying, and ironing equipment having sufficient capacity to process a 13 continuous seven-day supply based on ten pounds of dry laundry per bed per day. Laundry equipment 14 shall meet all safety and sanitary requirements. The equipment shall be designed and installed to 15 comply with all state and local laws. Laundry equipment, processing, and procedures shall render soiled 16 linen and patient clothing clean and free from detergent, soap, and other chemical residues. 17 21.1.1 Laundry facilities and operations shall be located in an area separated from Resident Care 18 Units. 19 20 21 21.1.2 In facilities constructed after the effective date of these regulations, there shall be proper 22 spacing and placing of the equipment to minimize material transportation and operation, to 23 avoid all cross traffic between clean and soiled linen, to provide balance of operations, and to 24 provide storage between operations. The general air movement shall be from the cleanest 25 areas to the most contaminated areas. Soiled laundry shall be processed frequently enough to 26 prevent excessive unsanitary accumulations. 27 21.2 WASHING TEMPERATURE. The temperature of water during the washing and hot rinsing process shall 28 29 be a minimum of 130 degrees F and for a combined period of time of at least 25 minutes, and the detergent shall be compatible with the wash cycle and temperature (as evidenced by purveyor 30 statement or literature kept for inspection). Washers shall not be overloaded so as to limit adequate 31 movement of contents and flow of water through the fabrics. 32 21.3 COMMERCIAL LAUNDRY SERVICES. If laundry facilities are not provided entirely within the facility there 33 shall be a written contract between the facility and a commercial laundry service that provides for 34 compliance with Section 21.2. 35 21.4 RESIDENT LINEN SUPPLY. Linen supply (top and bottom sheets, pillowcases, washcloths, bath and face 36 towels) shall be at least three complete changes times the number of licensed beds. All linens shall be 37 maintained clean, in good repair. 38 21.5 SOILED LINEN HANDLING. In removing and handling soiled linen from a bed, there shall be minimal 39 shaking of the linen. Soiled linen, including blankets, shall be placed in bags tightly closed before 40 removal from a bedroom. The bags shall remain closed, shall be removed from the Resident Care Unit 41 at least every eight hours.

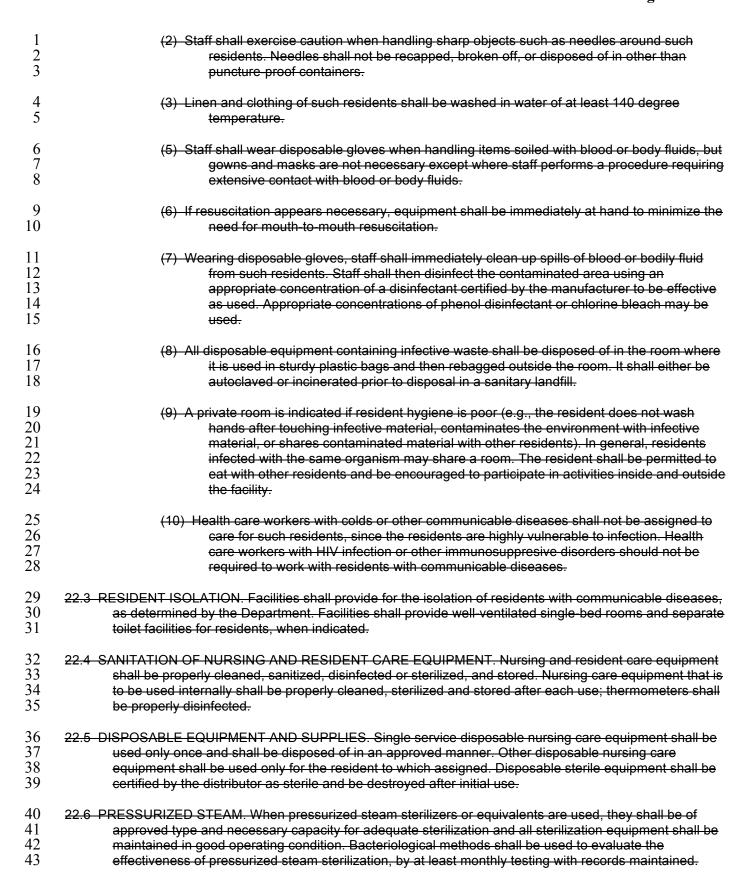
21.6 INFECTIOUS DISEASE LINEN. All linens and blankets from residents with infectious disease shall be

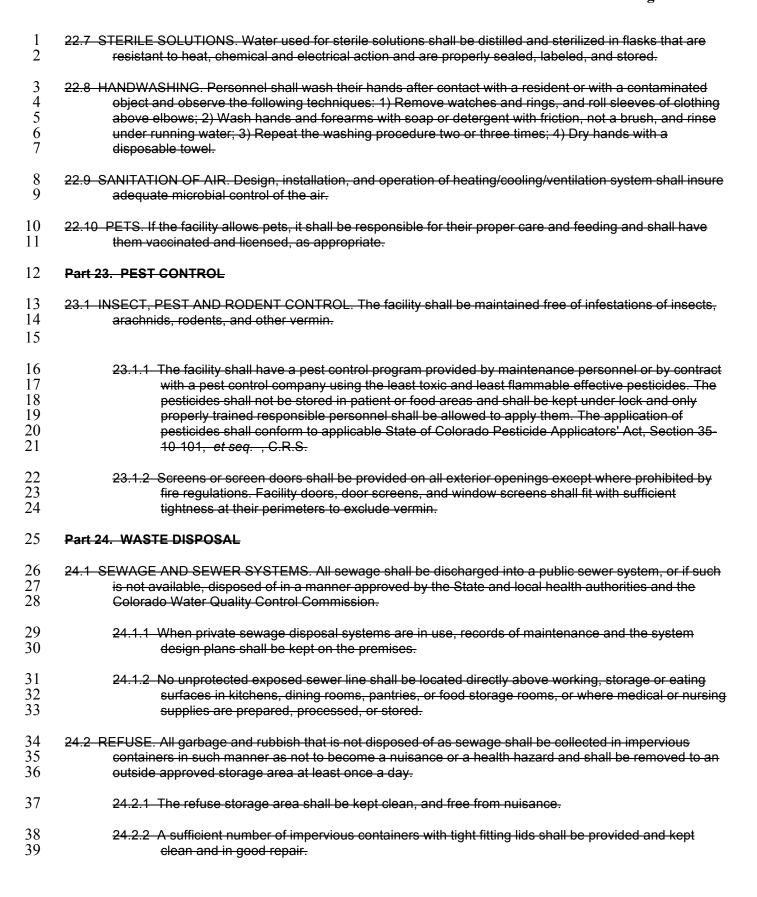
placed in special bags identified "contaminated" and transported in these closed bags. Special

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24.3 REFUSE CART. Carts used to transport refuse shall be constructed of impervious materials, enclosed, used solely for refuse, and maintained in a sanitary manner.

24.4 INCINERATORS. Incinerators shall comply with state and local air pollution regulations and be so constructed as to prevent insect and rodent breeding and harborage. The facility shall obtain a permit to operate an incinerator from the State Air Pollution Control Division and maintain the permit on file. [Eff. 04/30/2009]

Part 25. PHYSICAL PLANT STANDARDS

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25.1 COMPLIANCE WITH FGI GUIDELINES. Effective July 1, 2013, all long term care nursing facilities shall be constructed in conformity with the standards adopted by the Director of the Division of Fire Prevention and Control (DFPC) at the Colorado Department of Public Safety. For construction initiated or systems installed on or after July 1, 2013, that affect patient health and safety and for which DFPC has no applicable standards, each facility shall conform to the relevant section(s) of the Guidelines for Design and Construction of Health Care Facilities, (2010 Edition), Facilities Guidelines Institute. The Guidelines for Design and Construction of Health Care Facilities, (2010 Edition), Facilities Guidelines Institute (FGI), is hereby incorporated by reference and excludes any later amendments to or editions of the Guidelines. The 2010 FGI Guidelines are available at no cost in a read only version at: http://openpub.realread.com/rrserver/browser?title=/FGI/2010 Guidelines

Part 26. RELIGIOUS TREATMENT EXCLUSIONS

- 26.1 EXCEPTION OF CERTAIN FACILITIES. Nothing in this Part applies to any nursing facility conducted by or for the adherents of any well-recognized church or religious denomination for the purpose of providing facilities for the care and treatment of the sick who depend exclusively upon spiritual means through prayer for healing in the practice of the religion of such church or denomination
- 23 26.2 EXCEPTION FOR RELIGIOUS BELIEFS. Nothing in this chapter authorizes the Department to impose on a resident any mode of treatment inconsistent with the resident's religious belief.

Part 27. MEDICAID CERTIFICATION STANDARDS

27.1 For the purpose of fulfilling its facility certification responsibilities as the State Survey Agency pursuant to the requirements of Title XIX (Medicaid) of the Social Security Act (42 U.S.C. Section 1396(a), et seq.) and the Colorado Medical Assistance Act, Section 25.5-4-104, et seq. , C.R.S., the Department shall apply and enforce the Skilled Nursing Facility and Intermediate Care Facility certification standards of the U.S. Department of Health and Human Services as those standards presently exist pursuant to Title XIX. (These standards are presently contained in Title 42 of the Code of Federal Regulations (C.F.R.)).

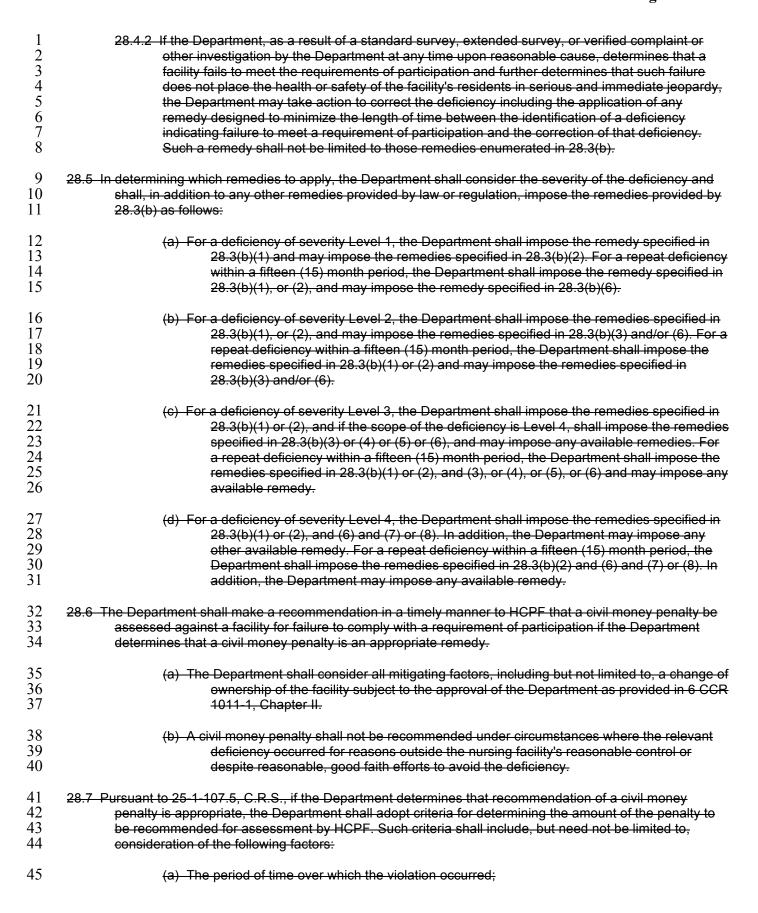
Part 28. ENFORCEMENT REMEDIES

- 28.1 Sections 25-2-107.5 and 25.5-6-205, C.R.S. provide the authority for the Department to recommend to the Department of Health Care Policy and Financing that a civil money penalty imposed against a nursing facility that violates federal regulations for participation in the Medicaid program as enumerated in 42 USC 1396r(h) (2006).
- 28.2 Collection, enforcement, and assessment of a civil money penalty pursuant to this chapter and the denial of Medicaid payments, shall be the responsibility of the Department of the Health Care Policy and Financing and shall be made upon recommendation of the Department of Public Health and Environment pursuant to section 25.5-6-205, C.R.S.
- 41 28.3 Definitions. For purposes of this part, the following definitions shall apply:

2	(a) "Deticiency" or "violation" means any failure to comply with a requirement of participation for which the facility is required to take some form of corrective action.
3 4 5 6 7 8	(b) "Enforcement remedy or remedies" means any remedy or combination of remedies, in accordance with 42 USC 1396r(h) and sections 25-1-107.5 and 25.5-6-205, C.R.S., which may be imposed by the Department or recommended by the Department for imposition by the Department of Health Care Policy and Financing against any nursing facility which fails to meet any one of the enumerated requirements for participation in the Medicaid program. Remedies include, but are not limited to:
9	(1) a plan of correction,
10	(2) a directed plan of correction,
11	(3) monitoring of a facility by the state survey agency,
12	(4) full or partial bans on admissions,
13 14 15	(5) denial of payment under the state Medicaid plan with respect to any individual admitted to the nursing facility involved after such notice to the public and the facility as may be provided for by law,
16	(6) civil money penalties,
17	(7) temporary management,
18	(8) termination of the facility's participation under the state plan, and
19	(9) receivership as provided by section 25-3-108, C.R.S.
20	(c) "HCPF" means the Colorado Department of Health Care Policy and Financing.
21 22	(d) "Nursing facility" means any skilled or intermediate nursing care facility which receives federal and state funds under the Title XIX of the federal Social Security Act.
23 24	(e) "Nursing Home Penalty Cash Fund" means the fund created pursuant to section 25.5-6-205, C.R.S.
25 26 27	(f) "Plan of correction" means a written plan prepared by the facility and approved by the department that describes the actions the facility will take to correct noted deficiencies and specifically sets the date the corrective action will be accomplished.
28 29 30 31	(g) "Requirements of participation" means those requirements of participation in the medicaid program as enumerated in 42 USC 1396r (h) of the federal Omnibus Budget Reconciliation Act of 1987, 1989, and 1990, regulations promulgated pursuant to those acts, and section 25-1-107.5, C.R.S.
32	(h) "Secretary" means the secretary of the federal department of Health and Human Services.
33 34	(i) "Scope" means the frequency of the occurrence of the deficiency in one of the following levels:
35	(1) Level 1. The deficiency exists in only one or a limited number of cases.

Page 57 of 123

1 (2) Level 2. The deficiency exists in more than a limited number of cases, but no 2 pattern can be identified. 3 (3) Level 3. The deficiency exists in more than a limited number of cases and indicates 4 a pattern. 5 (4) Level 4. The deficiency occurs in sufficient number among residents or staff or with 6 sufficient regularity that it can be considered systemic/pervasive. 7 (i) "Severity" means the seriousness of the deficiency in one of the following levels: 8 (1) Level 1. Any deficiency not meeting the criteria for Levels 2, 3, or 4. 9 (2) Level 2. Any deficiency which may result in a negative outcome to the resident or 10 residents. 11 (3) Level 3. Any deficiency which has resulted in a negative outcome to the resident or 12 residents. 13 (4) Level 4. Any deficiency which has a high probability that serious harm or serious 14 injury to residents could occur at any time, or already has occurred and may 15 well occur again if residents are not protected effectively from the harm, or the 16 threat is not removed. 17 (k) "Temporary management" means the temporary utilization of a substitute manager 18 pursuant to either an agreement between the licensee and the department or pursuant 19 to section 25-3-108, et seg., C.R.S. 20 (I) "Negative outcome" means that the impact of the facility's deficient practice on the resident 2.1 or residents is: 22 (1) The physical, mental or psychosocial deterioration of the resident or residents, or 23 (2) The ability of the resident or residents to achieve the highest practicable physical, 24 mental, or psychosocial well-being has been compromised. 25 (m) "Repeat deficiency" means a subsequent deficiency with comparable circumstances or the 26 same tag number, unless the department determines that the circumstances of the 27 previous deficiency are so dissimilar that it would not be proper to consider the 28 deficiency to be a repeat. 29 28.4 If the Department, as a result of a standard survey, extended survey, or verified complaint or other 30 investigation by the Department at any time upon reasonable cause, determines that a facility fails to 31 meet the requirements of participation as defined herein and further determines that such failure places 32 the health or safety of the facility's residents in serious and immediate jeopardy, the Department shall 33 take immediate action to remove such jeopardy and correct the deficiency, by either: 34 (a) temporary management, or 35 (b) termination of the facility's participation in the state plan. 36 28.4.1 In addition to the action taken pursuant to 28.4, the Department may apply any other remedy as provided by law or regulation.



Page 59 of 123

1	(b) The frequency of the violation;
2 3	(c) The nursing facility's history concerning the type of violation for which the penalty is assessed;
4	(d) The nursing facility's intent or reason for the violation;
5 6	(e) The effect, if any, of the violation on residents' health, safety, security, or welfare; i.e., severity;
7 8	(f) The existence of other violations, in combination with the violation for which the penalty is assessed, which increase the threat to residents' health, safety, security, or welfare;
9 10	(g) The accuracy, thoroughness and availability of records regarding the violation which the nursing facility is required to maintain; and
11 12	(h) The number of additional related violations occurring within the same time span as the violation in question.
13 14 15	28.7.1 In determining the amount of a civil money penalty, multiple violations of different requirements of participation resulting from a single act shall be considered as one violation. However, this shall not preclude their consideration under 28.7(f) or (h) above.
16 17 18 19	28.7.2 Any civil money penalty which is recommended to HCPF for imposition by that Department shall be not less than \$100 nor more than \$10,000 for each day the facility is found to have been in violation of the federal regulations. Penalties assessed shall include interest at the statutory rate.
20 21 22 23 24 25 26	28.7.3 Any such civil money penalty shall accrue from the date the facility receives written notice from the Department regarding its recommendation of a civil money penalty. In the event the Department determines that a violation is life threatening to one or more residents or creates a direct threat or serious adverse harm to the health, safety, security, rights or welfare of one or more residents, a penalty shall be imposed for each day the deficiencies which constitute the violation are found to exist. The period of time during which the civil money penalty accrues shall be as follows:
27	(a) No longer than six (6) months in the case of non-serious or non-immediate threat.
28 29	(b) Until the Department verifies the deficiency is corrected or the facility notifies the Department that the deficiency is corrected, whichever is earlier.
30 31 32 33	(1) If the facility acts in a timely and diligent manner to correct the violation in accordance with a plan of correction as agreed to by the Department, the Department shall recommend to HCPF that the penalty be suspended or reduced for the period of the plan of correction.
34 35 36	(2) In the event the facility has not corrected the violation, pursuant to the notice provided by the facility, the penalty shall be reinstated at an increased amount retroactive to the date the penalty was tolled.
37 38 39 40	(3) For the purposes of this provision, the plan of correction must contain a reasonable and appropriate plan of action and timetable to completely correct the deficiency. This provision (plan of correction) shall not apply in cases of repeat deficiencies or those with a severity level of 4.

Page 60 of 123

1 28.8 The Department shall notify the facility, by personal service, first class mail, or electronic transmission 2 3 4 ("fax"), of its recommendation of the imposition of a civil money penalty and the amount of any such penalty not later than the fifth day following the last day of the inspection or survey on which the deficiencies which constitute the violation were found. The notice shall explain the deficiencies that are 5 6 the basis for the recommendation and shall provide instructions for responding to the notice, including that the facility submit a written plan of correction. 7 8 28.8.1 After notice pursuant to 28.8 above, a facility may notify the Department of the correction of the 9 deficiency for which the civil money penalty is being recommended. Such initial notice to the 10 Department may be given by telephone, electronic transmission ("fax"), or in person, but shall 11 be documented by a writing postmarked within five (5) business days of the initial notification to 12 the Department. 13 28.8.2 It shall be the responsibility of HCPF pursuant to section 25.5 6-205, C.R.S., to provide for an 14 appeal process for any facility which has a civil money penalty assessed against it for failure to 15 meet a requirement of participation. 16 28.9 If a facility fails to correct a deficiency or deficiencies within three (3) months after the date the facility is 17 found by HCPF to be out of compliance with a requirement of participation pursuant to 25-1-107.5, 18 C.R.S., the Department shall recommend to HCPF denial of payment under the state plan with respect 19 to any individual admitted to the facility. involved after such notice to the public and the facility as is 20 provided for by the state. 21 28.10 If a facility has provided a substandard quality of care to the residents as evidenced by three consecutive 22 23 standard surveys, the Department shall take the actionS set forth in (a) and (b) below and may take any such additional action allowed by statute or regulation, including recommending that a civil money 24 penalty be imposed by HCPF. 25 (a) Recommend to HCPF that payment be denied under the state plan with regard to any 26 individual admitted to the facility involved after such notice to the public and to the $\overline{27}$ facility as may be provided for by the state; and 28 (b) Monitor the facility until such time as it has demonstrated to the satisfaction of the 29 Department that it is in compliance with the requirements and that it has the 30 management capacity to remain in compliance. 31 28.11 Nothing in this Part shall preclude the Department from recommending alternative remedies as provided 32 by law so long as such remedy or remedies are deemed to be at least as effective in correcting the 33 violation and deterring future violations as those remedies enumerated in the federal Omnibus Budget 34 Reconciliation Act of 1987, 1989, and 1990, 42 USC 1396r(h). 35 28.11.1 Nothing in this Part shall be construed as limiting, negating, or superseding any other remedy 36 37 available for use by the Department to correct a deficiency or deficiencies. In recommending or selecting a particular remedy, the primary consideration shall be the selection of the remedy or 38 remedies most likely to achieve correction of the relevant deficiency and long term compliance. 39 28.12 The Department shall, in conjunction with HCPF, establish circumstances under which the funds of the 40 Nursing Home Penalty Cash Fund may be disbursed in order to protect the health or property of 41 residents. Those circumstances shall include, but not be limited to, the following: 42 (a) relocating residents to other facilities if necessary; 43 (b) maintaining the operation of a facility pending completion of a plan of correction or directed 44 plan of correction;

Page 59 of 123

1	(c) maintaining the operation of a facility pending closure; and
2	(d) reimbursing residents for personal funds lost.
3 4	28.12.1 Neither the Department nor HCPF may use money from the Nursing Home Penalty Cash Fund to pay the costs of administration of those departments.
5 6 7	28.12.2 At the end of the fiscal year, all unexpended and unencumbered moneys remaining in the Nursing Home Penalty Cash Fund must remain in the fund and may not be transferred or credited to the general fund.
8	Part 29. LICENSING FEES
9 10	29.1 All license fees are non-refundable. The total fee shall be submitted with the appropriate license application.
11	29.2 Initial license \$6,000 per facility.
12	29.3 Renewal license - Effective April1, 2011, the annual renewal fee shall be as follows.
13	Medicare and/or Medicaid certified facility: \$1,600 base fee plus \$8 per bed.
14	Non-certified facility: \$3,480 base fee plus \$8 per bed.
15 16	29.4 Change of ownership - Change of ownership shall be determined in accordance with the criteria set forth in 6 CCR 1011-1, Chapter II, Part 2. The fee shall be \$6,000 per facility.
17 18 19	29.5 Opening a secure unit - A facility that wishes to open a secure unit shall submit a fee of \$1,600 in addition to any other applicable license fees.
17	

- 1 DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
- 2 Health Facilities and Emergency Medical Services Division
- 3 STANDARDS FOR HOSPITALS AND HEALTH FACILITIES: CHAPTER 5 NURSING CARE FACILITIES
- 4 6 CCR 1011-1 Chap 05

5 TABLE OF CONTENTS

- 7 SECTION 1 STATUTORY AUTHORITY AND APPLICABILITY
- 8 Section 2 Definitions
- 9 Section 3 Governing Body
- 10 Section 4 Facility Administration
- 11 SECTION 5 ADMISSIONS
- 12 Section 6 Personnel
- 13 SECTION 7 RESIDENT CARE
- 14 Section 8 Medical Care Services
- 15 Section 9 Nursing Services
- 16 Section 10 Social Services
- 17 Section 11- Resident Engagement
- 18 Section 12 Dental Services
- 19 SECTION 13 DIETARY SERVICES
- 20 Section 14 Feeding Assistants
- 21 Section 15 Resident Rights
- 22 Section 16 Emergency Services
- 23 Section 17 Health Information Records
- 24 SECTION 18 OCCUPATIONAL, PHYSICAL AND SPEECH THERAPY
- 25 Section 19 Pharmaceutical Services
- 26 Section 20 Diagnostic Services
- 27 SECTION 21 PHYSICAL PLANT STANDARDS
- 28 Section 22 Resident Care Unit
- 29 SECTION 23 SECURE ENVIRONMENT
- 30 Section 24 Housekeeping Services
- 31 Section 25 Linen And Laundry
- 32 Section 26 Infection Control
- 33 Section 27 Pest Control
- 34 SECTION 28 WASTE DISPOSAL
- 35 Section 29 Religious Treatment Exclusions
- 36 Section 30 Medicaid Certification Standards
- 37 Section 31 Enforcement Activities
- 38 Section 32 Licensing Fees

Page 61 of 123

1 **SECTION 1 - STATUTORY AUTHORITY AND APPLICABILITY** 2 1.1 THE STATUTORY AUTHORITY FOR THE PROMULGATION OF THESE RULES IS SET FORTH IN SECTIONS 25-1-107.5. 3 25-1.5-103 AND 25-3-101, ET SEQ., C.R.S. 4 1.2 A NURSING CARE FACILITY SHALL COMPLY WITH ALL APPLICABLE FEDERAL AND STATE STATUTES AND 5 REGULATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: 6 A) THIS CHAPTER 5; 7 B) 6 CCR 1011-1, CHAPTER 2, GENERAL LICENSURE STANDARDS; 8 C) 6 CCR 1010-2, COLORADO RETAIL FOOD ESTABLISHMENTS; AND 9 D) 6 CCR 1007-2, PART 1, REGULATIONS PERTAINING TO SOLID WASTE SITES AND FACILITIES, 10 SECTION 13, MEDICAL WASTE. 11 1.3 THIS REGULATION INCORPORATES BY REFERENCE (AS INDICATED WITHIN) MATERIAL ORIGINALLY PUBLISHED 12 ELSEWHERE. SUCH INCORPORATION, HOWEVER, EXCLUDES LATER AMENDMENTS TO OR EDITIONS OF THE 13 REFERENCED MATERIAL. PURSUANT TO SECTION 24-4-103 (12.5), C.R.S., THE HEALTH FACILITIES AND 14 EMERGENCY MEDICAL SERVICES DIVISION OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND 15 ENVIRONMENT MAINTAINS COPIES OF THE INCORPORATED TEXTS IN THEIR ENTIRETY WHICH SHALL BE AVAILABLE 16 FOR PUBLIC INSPECTION DURING REGULAR BUSINESS HOURS AT: 17 18 COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT 19 HEALTH FACILITIES AND EMERGENCY MEDICAL SERVICES DIVISION 20 4300 CHERRY CREEK DRIVE SOUTH

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SECTION 2 - DEFINITIONS

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28 AT-RISK ELDER MEANS A PERSON AGE 70 AND OLDER.

DENVER, COLORADO 80246-1530

PHONE: 303-692-2800

- 29 DEPARTMENT MEANS THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT.
- 30 DESIGNATED FACILITY MEANS AN AGENCY THAT HAS APPLIED AND BEEN APPROVED BY THE DEPARTMENT OF HUMAN
- 31 SERVICES TO PROVIDE MENTAL HEALTH SERVICES.
- 32 ENFORCEMENT ACTIVITY MEANS THE IMPOSITION OF REMEDIES SUCH AS CIVIL MONEY PENALTIES; APPOINTMENT OF A
- 33 RECEIVER OR TEMPORARY MANAGER; CONDITIONAL LICENSURE; SUSPENSION OR REVOCATION OF A LICENSE; A DIRECTED

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ANY MATERIAL THAT HAS BEEN INCORPORATED BY REFERENCE MAY BE EXAMINED IN ANY STATE PUBLICATIONS

- PLAN OF CORRECTION; INTERMEDIATE RESTRICTIONS OR CONDITIONS, INCLUDING RETAINING A CONSULTANT,
- 35 DEPARTMENT MONITORING OR PROVIDING ADDITIONAL TRAINING TO EMPLOYEES, OWNERS OR OPERATORS; OR ANY
- 36 other remedy provided by state or federal law or as authorized by federal survey, certification, and
- 37 ENFORCEMENT REGULATIONS AND AGREEMENTS FOR VIOLATIONS OF FEDERAL OR STATE LAW.
- 38 GOVERNING BODY MEANS THE INDIVIDUAL, GROUP OF INDIVIDUALS OR CORPORATE ENTITY THAT HAS ULTIMATE
- 39 AUTHORITY AND LEGAL RESPONSIBILITY FOR THE OPERATION OF THE FACILITY.

- 1 MEDICAL DIRECTOR MEANS A PHYSICIAN WHO OVERSEES THE MEDICAL CARE AND OTHER DESIGNATED CARE AND
- 2 SERVICES IN THE FACILITY.
- 3 Non-Physician Practitioner means a physician assistant or advance practice nurse (i.e., nurse
- 4 PRACTITIONER OR CLINICAL NURSE SPECIALIST).
- 5 Nursing Care Facility means a licensed health care entity that is planned, organized, operated and
- 6 MAINTAINED TO PROVIDE SUPPORTIVE, RESTORATIVE AND PREVENTATIVE SERVICES TO PERSONS WHO, DUE TO PHYSICAL
- 7 AND/OR MENTAL DISABILITY, REQUIRE CONTINUOUS OR REGULAR INPATIENT NURSING CARE.
- 8 PLACEMENT FACILITY MEANS A PUBLIC OR PRIVATE NURSING CARE FACILITY THAT HAS A WRITTEN AGREEMENT WITH A
- 9 DESIGNATED FACILITY TO PROVIDE CARE AND TREATMENT TO ANY INDIVIDUAL UNDERGOING MENTAL HEALTH EVALUATION
- 10 OR TREATMENT BY THE DESIGNATED FACILITY.
- PRACTITIONER MEANS PHYSICIAN AND NON-PHYSICIAN PRACTITIONER.
- 12 RESIDENT REPRESENTATIVE MEANS AN INDIVIDUAL OF THE RESIDENT'S CHOICE WHO HAS ACCESS TO INFORMATION AND
- 13 PARTICIPATES IN HEALTH CARE DISCUSSIONS OR A PERSONAL REPRESENTATIVE WITH LEGAL STANDING INCLUDING, BUT
- 14 NOT LIMITED TO, POWER OF ATTORNEY; MEDICAL POWER OF ATTORNEY; LEGAL GUARDIAN OR HEALTH CARE SURROGATE
- 15 APPOINTED OR DESIGNATED IN ACCORDANCE WITH STATE LAW.
- 16 Skilled Nursing Care Facility means a nursing care facility that is federally certified by the Centers for
- 17 MEDICARE AND MEDICAID SERVICES.
- 18 TELEHEALTH MEANS A MODE OF DELIVERY OF HEALTH CARE SERVICES THROUGH TELECOMMUNICATION SYSTEMS,
- 19 INCLUDING INFORMATION, ELECTRONIC, AND COMMUNICATION TECHNOLOGIES, TO FACILITATE THE ASSESSMENT,
- 20 DIAGNOSIS, CONSULTATION, TREATMENT, EDUCATION AND CARE MANAGEMENT OF A RESIDENT'S HEALTH CARE WHEN THE
- 21 RESIDENT AND PRACTITIONER ARE LOCATED AT DIFFERENT SITES. TELEHEALTH INCLUDES "TELEMEDICINE" AS DEFINED IN
- 22 SECTION 12-36-102.5, C.R.S.

23 SECTION 3 - GOVERNING BODY

- 24 3.1 DUTIES
- 25 A) THE GOVERNING BODY SHALL PROVIDE THE NECESSARY FACILITIES, QUALIFIED PERSONNEL, AND SERVICES TO MEET THE TOTAL NEEDS OF THE FACILITY'S RESIDENTS.
- 27 B) THE GOVERNING BODY SHALL APPOINT FOR THE FACILITY A FULL-TIME ADMINISTRATOR WITH AN ACTIVE COLORADO NURSING HOME ADMINISTRATOR LICENSE AND DELEGATE TO THAT ADMINISTRATOR THE EXECUTIVE AUTHORITY AND FULL RESPONSIBILITY FOR DAY-TO-DAY ADMINISTRATION OF THE FACILITY.
- The governing body shall be responsible for the performance of all persons providing services within the facility.
- 32 3.2 STRUCTURE
- IF THE GOVERNING BODY INCLUDES MORE THAN ONE INDIVIDUAL, THE GROUP SHALL BE FORMALLY ORGANIZED WITH A WRITTEN CONSTITUTION OR ARTICLES OF INCORPORATION AND BY-LAWS; HOLD REGULAR, PERIODIC
- 35 MEETINGS; AND MAINTAIN MEETING RECORDS.
- 36 3.3 QUALITY ASSURANCE
- 37 THE GOVERNING BODY SHALL ENSURE THAT THE FACILITY HAS A QUALITY MANAGEMENT PROGRAM THAT
- 38 EVALUATES THE QUALITY OF RESIDENT CARE AND SAFETY AND MEETS ALL THE REQUIREMENTS SET FORTH IN 6

1 CCR 1011-2, Chapter 2, General Licensure Standards, Part 3.1. The facility shall have a 2 COMMITTEE THAT MEETS MONTHLY TO ADDRESS THE REQUIRED QUALITY MANAGEMENT ACTIVITIES. 3 **SECTION 4 - FACILITY ADMINISTRATION** 4 4.1 **ADMINISTRATOR** 5 THE FACILITY SHALL EMPLOY AN ADMINISTRATOR WHO IS RESPONSIBLE TO THE GOVERNING BODY FOR 6 PLANNING, ORGANIZING, DEVELOPING AND CONTROLLING THE OPERATIONS OF THE FACILITY. 7 A) THE ADMINISTRATOR SHALL HAVE AN ACTIVE COLORADO NURSING HOME ADMINISTRATOR LICENSE. 8 B) THE ADMINISTRATOR SHALL BE RESPONSIBLE FOR, AT A MINIMUM, THE FOLLOWING DUTIES: 9 1) ACTING AS A LIAISON AMONG THE GOVERNING BODY, MEDICAL STAFF AND PRACTITIONERS 10 WHOSE PATIENTS RESIDE IN THE FACILITY; 11 2) MANAGING FACILITY PERSONNEL AND FINANCES; 12 3) PROVIDING FOR APPROPRIATE RESIDENT CARE; 13 4) MAINTAINING RELATIONSHIPS WITH THE COMMUNITY AND WITH OTHER HEALTH CARE 14 FACILITIES, ORGANIZATIONS AND SERVICES; 15 5) ENSURING FACILITY AND STAFF COMPLIANCE WITH ALL REGULATIONS; AND 16 6) ANY OTHER RESPONSIBILITIES REQUIRED BY FACILITY POLICY OR THE GOVERNING BODY. 17 4.2 **ORGANIZATION** 18 THE FACILITY SHALL HAVE A WRITTEN PLAN OF ORGANIZATION CLEARLY DEFINING THE AUTHORITY, 19 RESPONSIBILITIES AND FUNCTIONS OF EACH CATEGORY OF PERSONNEL. 20 4.3 **POLICIES** 21 IN CONSULTATION WITH THE MEDICAL DIRECTOR, ONE OR MORE REGISTERED NURSES AND OTHER RELATED 22 23 24 25 HEALTH CARE PROFESSIONALS, THE ADMINISTRATOR SHALL DEVELOP AND AT LEAST ANNUALLY REVIEW WRITTEN RESIDENT CARE POLICIES AND PROCEDURES THAT GOVERN RESIDENT CARE IN THE FOLLOWING AREAS: NURSING; HOUSEKEEPING; MAINTENANCE; SANITATION; INFECTION CONTROL; MEDICAL, DENTAL, DIETARY, DIAGNOSTIC, EMERGENCY AND PHARMACEUTICAL CARE; SOCIAL SERVICES; ACTIVITIES; REHABILITATION; 26 PHYSICAL, OCCUPATIONAL, AND SPEECH THERAPY; RESIDENT ADMISSION, TRANSFER, AND DISCHARGE; 27 NOTIFYING PRACTITIONER AND RESIDENT REPRESENTATIVE OF RESIDENT'S INCIDENTS, ACCIDENTS AND 28 CHANGES OF STATUS; DISASTERS; AND HEALTH INFORMATION RECORDS; ALONG WITH ANY OTHER POLICIES THE 29 DEPARTMENT DETERMINES THE FACILITY NEEDS BASED ON ITS CHARACTERISTICS OF ITS RESIDENT POPULATION. 30 4.4 **FACILITY STAFFING PLAN** 31 THE FACILITY SHALL HAVE A MASTER STAFFING PLAN FOR PROVIDING STAFFING IN COMPLIANCE WITH THESE REGULATIONS; DISTRIBUTION OF PERSONNEL; REPLACEMENT OF PERSONNEL AND FORECASTING FUTURE 33 PERSONNEL NEEDS. 34 POSTING DEFICIENCIES 4.5

1 THE FACILITY SHALL POST CONSPICUOUSLY IN PUBLIC VIEW EITHER THE STATEMENT OF DEFICIENCIES 2 FOLLOWING ITS MOST RECENT SURVEY OR A NOTICE STATING THE LOCATION AND TIMES AT WHICH THE 3 STATEMENT CAN BE REVIEWED. 4 **WAIVERS** 4.6 5 A FACILITY MAY REQUEST WAIVERS TO THESE REGULATIONS PURSUANT TO 6 CCR 1011-1, CHAPTER 2. 6 GENERAL LICENSURE STANDARDS, PART 4, WAIVER OF REGULATIONS FOR HEALTH CARE ENTITIES. 7 4.7 MANDATORY REPORTING 8 9 A) FACILITY PERSONNEL ENGAGED IN THE ADMISSION, CARE OR TREATMENT OF AT-RISK ELDERS SHALL 10 REPORT SUSPECTED PHYSICAL OR SEXUAL ABUSE, EXPLOITATION AND CARETAKER NEGLECT TO LAW 11 ENFORCEMENT WITHIN 24 HOURS OF OBSERVATION OR DISCOVERY PURSUANT TO SECTION 18-6.5-12 108. C.R.S. 13 B) FACILITIES SHALL COMPLY WITH ALL OCCURRENCE AND MANDATORY REPORTING REQUIRED BY STATE 14 AND FEDERAL LAW INCLUDING, BUT NOT LIMITED TO, NOTIFYING THE DEPARTMENT OF THE FOLLOWING 15 ITEMS WITHIN 24 HOURS OF DISCOVERY BY THE FACILITY. 16 1) ANY OCCURRENCE INVOLVING NEGLECT OF A RESIDENT BY FAILURE TO PROVIDE GOODS AND 17 SERVICES NECESSARY TO AVOID THE RESIDENT'S PHYSICAL HARM OR MENTAL ANGUISH; 18 2) ANY OCCURRENCE INVOLVING ABUSE OF A RESIDENT BY THE WILLFUL INFLICTION OF INJURY, 19 UNREASONABLE CONFINEMENT, INTIMIDATION OR PUNISHMENT WITH RESULTING PHYSICAL 20 HARM, PAIN OR MENTAL ANGUISH; 21 3) ANY OCCURRENCE INVOLVING AN INJURY OF UNKNOWN SOURCE WHERE THE SOURCE OF THE 22 INJURY COULD NOT BE EXPLAINED AND THE INJURY IS SUSPICIOUS BECAUSE OF THE EXTENT OR 23 LOCATION OF THE INJURY: AND 4) ANY OCCURRENCE INVOLVING MISAPPROPRIATION OF A RESIDENT'S PROPERTY INCLUDING THE 25 DELIBERATE MISPLACEMENT. EXPLOITATION OR WRONGFUL USE OF A RESIDENT'S BELONGINGS 26 OR MONEY WITHOUT THE RESIDENT'S CONSENT. 27 **SECTION 5 - ADMISSIONS** 28 **RESTRICTIONS** 5.1 29 THE FACILITY SHALL ADMIT ONLY THOSE PERSONS WHOSE NEEDS IT CAN MEET WITHIN THE ACCOMMODATIONS 30 AND SERVICES IT PROVIDES. 31 A) NO RESIDENT SHALL BE ADMITTED FOR INPATIENT CARE TO ANY ROOM OR AREA OTHER THAN ONE 32 REGULARLY DESIGNATED AND EQUIPPED AS A RESIDENT BEDROOM. 33 B) THERE SHALL BE NO MORE THAN FOUR RESIDENTS ADMITTED TO A BEDROOM. 34 BED HOLD POLICIES 5.2 35 THE FACILITY SHALL DEVELOP POLICIES FOR HOLDING BEDS AVAILABLE FOR RESIDENTS WHO ARE TEMPORARILY 36 ABSENT FROM THE FACILITY, PROVIDE A COPY OF THE POLICY UPON ADMISSION AND EXPLAIN THESE POLICIES TO 37 RESIDENTS UPON ADMISSION AND BEFORE EACH TEMPORARY ABSENCE. 38 RESIDENT IDENTIFICATION 5.3

1 THE FACILITY SHALL HAVE A MECHANISM FOR IDENTIFICATION OF RESIDENTS. 2 **SECTION 6 - PERSONNEL** 3 6.1 **POLICIES** 4 THE FACILITY SHALL MAINTAIN WRITTEN APPROVED PERSONNEL POLICIES, JOB DESCRIPTIONS AND RULES 5 PRESCRIBING THE CONDITIONS OF EMPLOYMENT, MANAGEMENT OF EMPLOYEES AND QUALITY AND QUANTITY OF 6 RESIDENT CARE TO BE PROVIDED. 7 A) THE FACILITY SHALL COMPLETE A JOB-SPECIFIC ORIENTATION FOR ALL NEW EMPLOYEES WITHIN 90. 8 DAYS OF EMPLOYMENT. 9 B) ALL PERSONNEL SHALL BE INFORMED OF THE PURPOSE AND OBJECTIVES OF THE FACILITY. 10 C) ALL PERSONNEL SHALL BE PROVIDED ACCESS TO THE FACILITY'S PERSONNEL POLICIES AND THE 11 FACILITY SHALL PROVIDE EVIDENCE THAT EACH EMPLOYEE HAS REVIEWED THEM. 12 6.2 **DEPARTMENTS** 13 EACH DEPARTMENT OF THE FACILITY SHALL BE UNDER THE DIRECTION OF A PERSON QUALIFIED BY TRAINING. 14 EXPERIENCE, AND ABILITY TO DIRECT EFFECTIVE SERVICES. 15 A) THE FACILITY SHALL PROVIDE A SUFFICIENT NUMBER OF QUALIFIED PERSONNEL IN EACH DEPARTMENT 16 TO EFFECTIVELY OPERATE THE DEPARTMENT AND COMPLY WITH STATE AND FEDERAL REQUIREMENTS. 17 B) ALL PERSONS ASSIGNED TO DIRECT RESIDENT CARE SHALL BE PREPARED THROUGH FORMAL 18 EDUCATION OR ON-THE-JOB TRAINING IN THE PRINCIPLES. POLICIES, PROCEDURES, AND APPROPRIATE 19 TECHNIQUES OF RESIDENT CARE. THE FACILITY SHALL PROVIDE EDUCATIONAL PROGRAMS FOR 20 EMPLOYEES TO BE INFORMED OF NEW METHODS AND TECHNIQUES. 21 6.3 STAFF DEVELOPMENT 22 THE NURSING CARE FACILITY SHALL EMPLOY STAFF WHO SHALL BE RESPONSIBLE FOR COORDINATING 23 ORIENTATION, IN-SERVICE, ON-THE-JOB TRAINING AND CONTINUING EDUCATION PROGRAMS, AND FOR 24 DETERMINING THAT FACILITY PERSONNEL HAVE BEEN PROPERLY TRAINED AND ARE IMPLEMENTING THE RESULTS 25 OF THEIR TRAINING. THE OBJECTIVE OF THIS STANDARD IS THAT STAFF BE APPROPRIATELY TRAINED IN 26 NECESSARY ASPECTS OF RESIDENT CARE TO CARRY OUT THEIR JOB RESPONSIBILITIES. A) THE IDENTIFIED STAFF SHALL HAVE EXPERIENCE IN AND ABILITY TO PREPARE AND COORDINATE IN-SERVICE EDUCATION AND TRAINING PROGRAMS FOR ADULT LEARNERS IN THE AREA OF GERIATRICS. 29 THE FACILITY SHALL IDENTIFY STAFF TO MEET IN-SERVICE, ORIENTATION, TRAINING AND SUPERVISION B) 30 NEEDS. THE FACILITY SHALL PROVIDE FOR APPROPRIATE FOLLOW-UP. 31 THE FACILITY SHALL PROVIDE ANNUAL IN-SERVICE EDUCATION FOR STAFF IN, AT A MINIMUM, THE C) 32 FOLLOWING TOPICS: 33 1) INFECTION CONTROL, 34 2) FIRE PREVENTION AND SAFETY,

35

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3)

4)

ACCIDENT PREVENTION,

CONFIDENTIALITY OF RESIDENT INFORMATION,

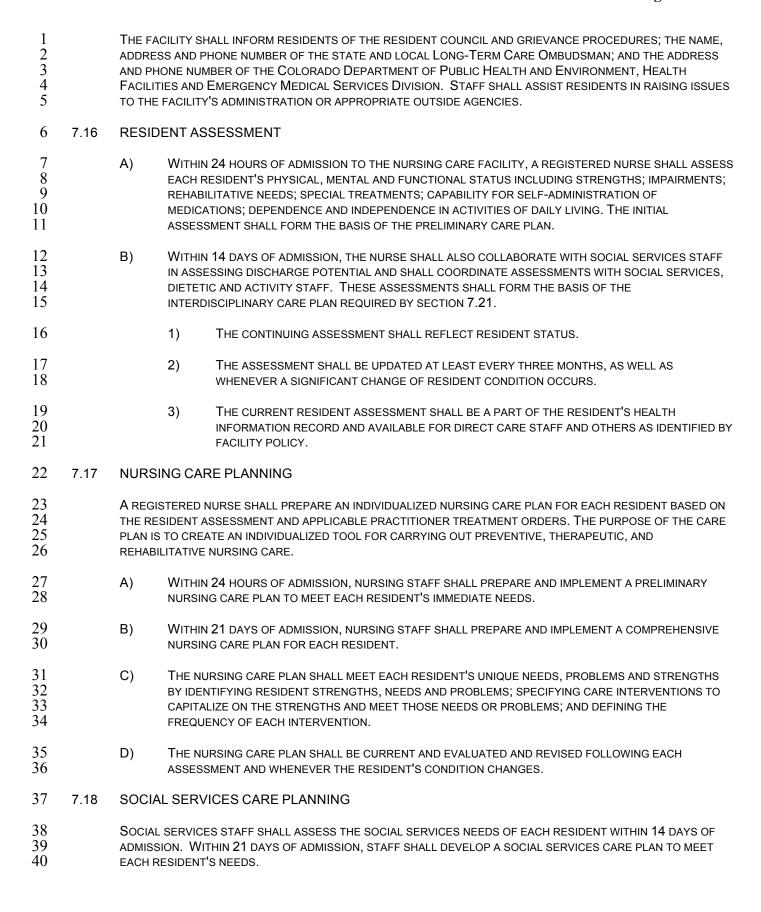
1			5)	REHABILITATIVE NURSING,			
2			6)	RESIDENT RIGHTS,			
3			7)	DIETARY,			
4			8)	PHARMACY,			
5			9)	DENTAL,			
6			10)	BEHAVIOR MANAGEMENT,			
7			11)	PERSON CENTERED CARE, AND			
8			12)	DISASTER PREPAREDNESS.			
9 10 11		D)	BEHAVI	CILITY HAS RESIDENTS WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES, DEMENTIA OR ORAL HEALTH ISSUES, IT SHALL ALSO PROVIDE ANNUAL IN-SERVICE EDUCATION FOR STAFF IN TOPICS.			
12 13 14		E)	PROGRA	CILITY SHALL MAINTAIN ATTENDANCE RECORDS WITH ORIGINAL SIGNATURES ON IN-SERVICE AMS AND COURSE MATERIALS OR OUTLINES THAT STAFF WHO ARE UNABLE TO ATTEND THE AM MAY REVIEW.			
15	6.4	RECO	RECORDS				
16 17 18 19		THE FACILITY SHALL MAINTAIN PERSONNEL RECORDS ON EACH EMPLOYEE, INCLUDING AN EMPLOYMENT APPLICATION THAT INCLUDES TRAINING AND PAST EXPERIENCE, VERIFICATION OF CREDENTIALS, REFERENCES OF PAST WORK EXPERIENCE, ORIENTATION AND EVIDENCE THAT HEALTH STATUS IS APPROPRIATE TO PERFORM DUTIES IN THE EMPLOYEE'S JOB DESCRIPTION.					
20	6.5	REFERENCE MATERIALS					
21 22		THE FACILITY SHALL PROVIDE CURRENT REFERENCE MATERIAL RELATED TO THE CARE THAT IS PROVIDED IN THE FACILITY FOR USE BY ALL PERSONNEL.					
23	6.6	STAFF IDENTIFICATION					
24 25		ALL FACILITY STAFF SHALL WEAR NAME AND TITLE BADGES WHILE ON DUTY, EXCEPT WHERE THEY MAY POSE A DANGER TO STAFF OR RESIDENTS DUE TO THE NATURE OF RESIDENT CONDITIONS.					
26	SECTI	ON 7 - F	RESIDEN	NT CARE			
27	7.1	OVER	ALL CAF	RE			
28 29 30 31		RESIDENTS SHALL RECEIVE THE CARE NECESSARY TO MEET INDIVIDUAL PHYSICAL, PSYCHO-SOCIAL AND REHABILITATIVE NEEDS AND ASSISTANCE TO ACHIEVE AND MAINTAIN THEIR HIGHEST POSSIBLE LEVEL OF INDEPENDENCE, SELF-CARE, SELF-WORTH AND WELL-BEING. PROVISION OF CARE SHALL BE DOCUMENTED IN THE HEALTH INFORMATION RECORD.					
32	7.2	QUALI	TY OF L	.IFE			
33 34		RESIDENTS SHALL BE PROVIDED A SAFE, SUPPORTIVE, COMFORTABLE, HOMELIKE ENVIRONMENT; FREEDOM AND ENCOURAGEMENT TO EXERCISE CHOICE OVER THEIR SURROUNDINGS, SCHEDULES, HEALTH CARE AND LIFE					

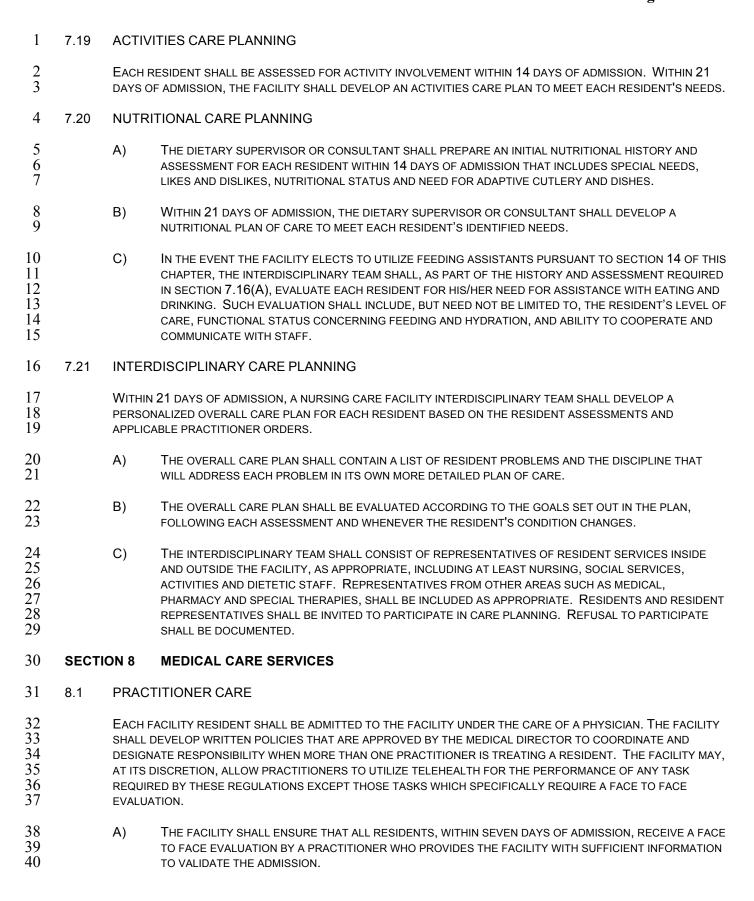
1 ACTIVITIES; THE OPPORTUNITY TO BE INVOLVED WITH THE MEMBERS OF THEIR COMMUNITY INSIDE AND OUTSIDE 2 THE NURSING CARE FACILITY; AND TREATMENT WITH DIGNITY AND RESPECT. 3 7.3 PRESSURE ULCER PREVENTION AND CARE 4 A) UPON ADMISSION, THE FACILITY SHALL: 5 1) ASSESS THE POTENTIAL FOR SKIN BREAKDOWN DURING THE INITIAL RESIDENT ASSESSMENT, 6 AND 7 2) PROVIDE MEASURES TO PREVENT PRESSURE ULCERS TO RESIDENTS IDENTIFIED AS BEING AT 8 RISK OF DEVELOPING THEM (I.E., A RESIDENT EXHIBITING THREE OR MORE OF THE FOLLOWING 9 SYMPTOMS: UNDERWEIGHT, INCONTINENCE, DEHYDRATION, DISORIENTATION OR 10 UNCONSCIOUSNESS, OR LIMITED MOBILITY). 11 B) FOR ALL RESIDENTS WHO ARE ADMITTED WITH OR DEVELOP PRESSURE ULCERS, THE FACILITY SHALL: 12 1) DEVELOP AN INDIVIDUALIZED TREATMENT PLAN AS PART OF THE REQUISITE CARE PLAN THAT IS 13 DESIGNED TO ALLEVIATE THE CONDITION: 14 2) PROVIDE ACTIVE TREATMENT TO IMPROVE THE CONDITION IN ACCORDANCE WITH THE 15 TREATMENT PLAN: 16 3) EVALUATE THE RESIDENT'S PROGRESS AND TREATMENT AT LEAST WEEKLY AND REVISE THE 17 TREATMENT PLAN AS NEEDED; AND 18 PROVIDE PROPER NUTRITION AND HYDRATION TO PROMOTE HEALING AND PREVENT FURTHER 4) 19 BREAKDOWN. 20 7.4 ACCIDENT PREVENTION AND ATTENTION 21 THE FACILITY SHALL: 22 A) INVESTIGATE ALL CAUSES OF ACCIDENTS; 23 B) MONITOR THE RESIDENT'S RESPONSE TO THE ACCIDENT AND OBTAIN PRACTITIONER'S OR MENTAL 24 HEALTH EVALUATION, IF NEEDED; 25 C) IDENTIFY ALL RESIDENTS AT HIGH RISK FOR ACCIDENTS AND DEVELOP AN INDIVIDUALIZED CARE PLAN 26 FOR THEM TO PREVENT FUTURE ACCIDENTS; AND 27 D) EVALUATE AND REVISE THE PLAN AS NEEDED. 28 7.5 BEHAVIORAL HEALTH CARE 29 A) FOR RESIDENTS WITH BEHAVIORAL HEALTH ISSUES, THE FACILITY SHALL: 30 1) NOTE THE BEHAVIORAL ISSUE AND EVALUATE IT IN THE RESIDENT'S ASSESSMENT; 31 2) DEVELOP AND IMPLEMENT AN INDIVIDUALIZED TREATMENT PLAN DESIGNED TO ADDRESS THE 32 BEHAVIORAL HEALTH ISSUE; 33 3) OBTAIN A MENTAL HEALTH EVALUATION IN APPROPRIATE CASES; AND

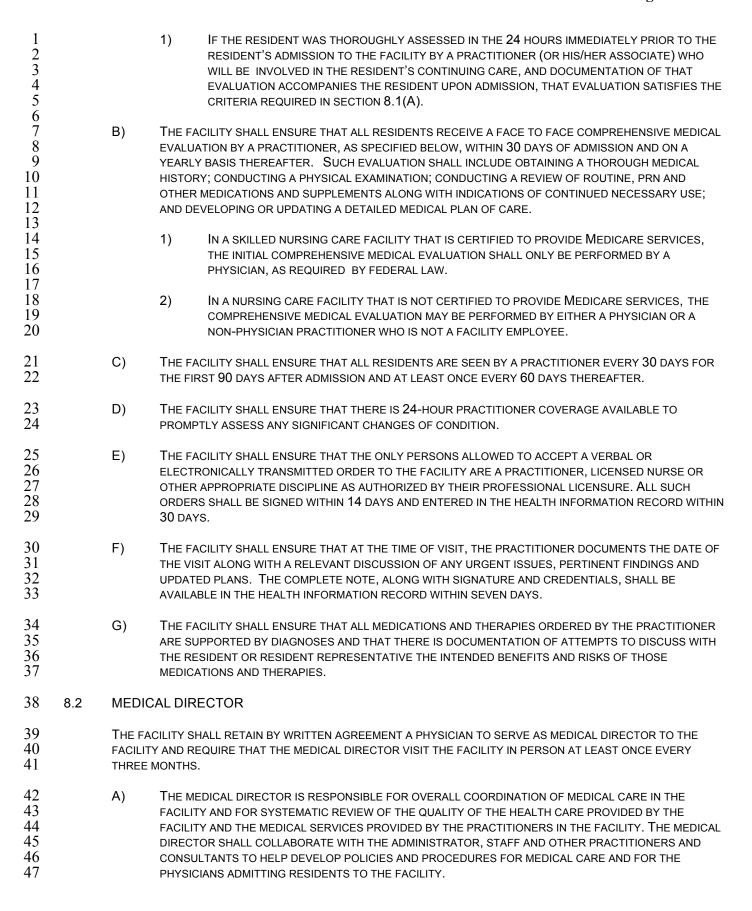
1 2			4)		ATE THE RESIDENT'S PROGRESS AND REVISE THE PLAN, BOTH AS NEEDED AND EVER THERE IS A CHANGE IN THE RESIDENT'S BEHAVIORAL CONDITION.		
3 4 5		B)	THE HE	FOR RESIDENTS RECEIVING MEDICATION FOR BEHAVIOR MODIFICATION, THE FACILITY SHALL INDICATE THE HEALTH INFORMATION RECORD POSITIVE AND/OR NEGATIVE EFFECTS OF THE MEDICATION AND WHAT ALTERNATIVES TO THE MEDICATION WERE CONSIDERED.			
6	7.6	CONT	RACTU	RE CAR	E		
7		A)	Upon .	ADMISSIC	ON, THE FACILITY SHALL:		
8			1)	Asses	S THE POTENTIAL FOR CONTRACTURE DURING THE INITIAL RESIDENT ASSESSMENT, AND		
9 10 11			2)		OP, IMPLEMENT AND PERIODICALLY EVALUATE AN INDIVIDUALIZED TREATMENT PLAN TO NT CONTRACTURES FOR RESIDENTS IDENTIFIED AS BEING AT RISK OF DEVELOPING		
12				a)	SUCH PLANS SHALL BE REVIEWED AND REVISED AS NEEDED AND ANNUALLY.		
13		B)	For R	ESIDENTS	S WHO ARE ADMITTED WITH CONTRACTURES, THE FACILITY SHALL:		
14 15			1)		MENT THE CONTRACTURE, EVALUATE IT AND UNDERTAKE RESTORATIVE NURSING PENTION, IF APPROPRIATE.		
16		C)	For R	ESIDENTS	S WHO DEVELOP CONTRACTURES DURING THEIR RESIDENCY, THE FACILITY SHALL:		
17 18			1)		MENT THAT APPROPRIATE INTERVENTION WAS PERFORMED TO TREAT THE CONDITION E THE CONTRACTURE DEVELOPED.		
19 20 21				a)	IF THE RESIDENT REFUSED TREATMENT OR PREVENTIVE MEASURES, THE FACILITY SHALL DOCUMENT THE REFUSAL AND THAT THE CONSEQUENCES OF THE REFUSAL WERE EXPLAINED TO THE RESIDENT.		
22	7.7	PROM	IOTION	OTION OF MOBILITY			
23 24 25		QUART	ERLY ANI	D UPON A	ESS EACH RESIDENT'S AMBULATION POTENTIAL AND CAPABILITY UPON ADMISSION, CHANGE IN CONDITION. EACH RESIDENT'S CARE PLAN SHALL BE DESIGNED TO ND REVISED AS NEEDED.		
26 27 28 29		A)	FACILIT RECOM	Y SHALL IMENDAT	REQUIRING ADAPTIVE DEVICES AND/OR PERSONAL ASSISTANCE TO AMBULATE, THE PROVIDE AND MAINTAIN SUCH DEVICES ACCORDING TO THE MANUFACTURER'S IONS. THE FACILITY SHALL ALSO ASSIST RESIDENTS IN OBTAINING APPROPRIATE PROVIDE RESIDENTS WITH ASSISTANCE TO MOVE AND TRANSFER.		
30	7.8	INDWI	ELLING	URINAF	RY CATHETER CARE		
31		A)	For R	ESIDENTS	S WITH AN INDWELLING URINARY CATHETER, THE FACILITY SHALL:		
32			1)	Evalu	ATE APPROPRIATENESS OF CONTINUED USE AT LEAST MONTHLY;		
33			2)	Asses	S THE REASON FOR THE INCONTINENCE;		
34 35			3)		ATE THE POTENTIAL OF BLADDER RETRAINING AND IMPLEMENT RETRAINING, IF TED, OR DOCUMENT THE REASONS IF RETRAINING WAS NOT INDICATED; AND		

1			4)	IMPLE	MENT ANY PRACTITIONER ORDER FOR IRRIGATION OR CATHETER REPLACEMENT.					
2 3		B)	FOR RESIDENTS EXHIBITING SIGNS OR SYMPTOMS OF URINARY TRACT INFECTION, THE FACILITY SHALL NOTIFY THE PRACTITIONER, OBTAIN ORDERS FOR TREATMENT AND IMPLEMENT SUCH TREATMENT PLAN.							
4	7.9	WEIG	IGHT CHANGES							
5		For RI	OR RESIDENTS WITH WEIGHT CHANGES THE FACILITY SHALL:							
6		A)	EVALU	ATE THE	RESIDENT TO DETERMINE THE CAUSE OF THE WEIGHT CHANGE;					
7 8 9		B)	THAT IN	NCLUDES	MPLEMENT AN INDIVIDUALIZED PLAN OF CARE AS PART OF THE REQUISITE CARE PLAN INTERVENTION BY OTHER DISCIPLINES, IF APPROPRIATE; EVALUATE RESIDENT REVISE THE PLAN AS NEEDED;					
10 11		C)	OBSER		O AND FLUID INTAKE AND PROVIDE ENCOURAGEMENT TO RESIDENTS WITH EATING					
12		D)	Provii	DE REAS	ONABLE CHOICES OF FOODS TO MEET PERSONAL PREFERENCES AND RELIGIOUS NEEDS;					
13 14		E)			ITS ARE PROVIDED BETWEEN MEALS AND AT BEDTIME AS PART OF THE CARE PLAN, ENOURISHMENTS PROVIDED AND WHETHER THEY ARE CONSUMED;					
15 16		F)	PROVIDE ASSISTANCE IN EATING OR ADAPTIVE EATING DEVICES AND ASSIST RESIDENTS IN OBTAINING DENTURES OR DENTAL CARE, AS APPROPRIATE TO THE INDIVIDUAL RESIDENT; AND							
17 18		G)	FOR RESIDENTS WITH MOUTH OR GUM ISSUES, MEET THE REQUIREMENTS OF SECTION 12 ON DENTAL SERVICES.							
19	7.10	GROC	DMING							
20 21		A)			HALL ASSIST THE RESIDENT TO OBTAIN APPROPRIATE PERSONAL CARE MATERIALS AND RISONAL CARE IN A MANNER THAT PRESERVES RESIDENT DIGNITY AND PRIVACY.					
22 23 24		B)	FOR RESIDENTS WITH INAPPROPRIATE, UNCLEAN, OR POORLY MAINTAINED CLOTHING AND/OR ASSISTIVE DEVICES, THE FACILITY SHALL ASSIST THE RESIDENTS TO OBTAIN CLOTHING, SHOES AND DEVICES. SUCH CLOTHING, SHOES AND DEVICES SHALL FIT PROPERLY, BE CLEAN AND IN GOOD REPAIR.							
25	7.11	EXCO	RIATIO	N PREV	ENTION AND CARE					
26 27		A)	FOR ALL RESIDENTS WHO ARE INCONTINENT OR IMMOBILE, HAVE IMPAIRED SENSATION, COMPROMISED NUTRITIONAL OR FLUID STATUS, OR INADEQUATE HYGIENE, THE FACILITY SHALL:							
28 29			1)		LETE AN INITIAL SKIN EVALUATION UPON ADMISSION AND RE-EVALUATE THE CONDITION EDED, BUT AT LEAST WEEKLY.					
30			2)	Provi	DE MEASURES TO PREVENT THE EXCORIATION THAT INCLUDE:					
31				a)	MAINTAINING CLEAN, DRY, WELL LUBRICATED SKIN;					
32 33				b)	TAKING INCONTINENT RESIDENTS TO THE BATHROOM ON A REGULAR INDIVIDUALIZED SCHEDULE;					
34				c)	EVALUATING THE NEED FOR DAILY BATHS; AND					

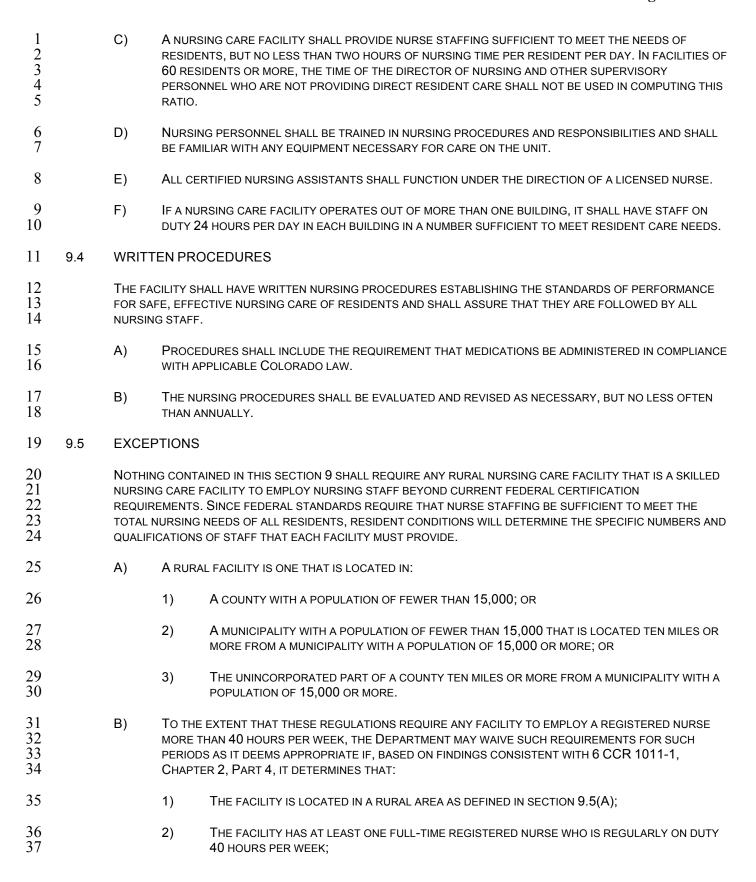
1 2				d)	DETERMINING POTENTIAL TROUBLE SPOTS WHERE MICROBIAL GROWTH MAY OCCUR (BREASTS, GLUTEAL FOLDS, SKIN FOLDS).			
3		B)	FOR RESIDENTS WITH EXCORIATIONS, THE FACILITY SHALL:					
4 5			1)		P AND IMPLEMENT AN INDIVIDUALIZED TREATMENT PLAN AS PART OF THE CARE PLAN EXCORIATION;			
6 7			2)	EVALUA NEEDED	TE THE RESIDENT'S PROGRESS AND REVIEW AND REVISE THE TREATMENT PLAN AS ; AND			
8			3)	ENTER	A PROGRESS NOTE AT LEAST WEEKLY IN THE HEALTH INFORMATION RECORD.			
9	7.12	FLUID	MANAG	EMENT				
10 11				IALL PRO\ ACILITY S	/IDE FLUID IN SUFFICIENT QUANTITIES TO MAINTAIN HYDRATION AND BODY WEIGHT. IN HALL:			
12		A)	Assess	S EACH RE	ESIDENT'S HYDRATION NEEDS;			
13 14		B)			VALUATE FOOD AND FLUID INTAKE DAILY AND RECORD AND REPORT DEVIATIONS FROM D AND FLUID INTAKE;			
15 16		C)			ANCE AND ENCOURAGEMENT TO RESIDENTS REQUIRING ASSISTANCE TO MEET THEIR REQUIREMENTS; AND			
17		D)	Provid	E SELF-H	ELP ADAPTIVE DEVICES AND ENCOURAGE USE.			
18	7.13	PERSO	ERSONAL ENVIRONMENT					
19 20 21 22		FURNITI FURNITI	THE FACILITY SHALL ALLOW FOR PERSONALIZATION OF ROOMS THROUGH THE USE OF RESIDENTS' PERSONAL FURNITURE, APPLIANCES, DECORATIONS, PLANTS AND MEMORABILIA. THE FACILITY MAY LIMIT THE NUMBER OF FURNITURE ITEMS IN RESIDENT ROOMS IF TO DO SO IS NECESSARY TO ACCOMMODATE ROOMMATE PREFERENCES, FIRE CODES, HOUSEKEEPING OR SAFE MOVEMENT IN THE ROOM.					
23	7.14	PERSO	PERSONAL CHOICE					
24		THE FA	CILITY SH	IALL:				
25 26		A)			BLE EFFORTS TO ACCOMMODATE PREFERENCES OF ROOMMATE, INCLUDING THE RIGHT NT SO REQUESTING TO BE ASSIGNED TO A ROOM WITH NON-SMOKERS;			
27 28 29		B)	SECTIO		TS FLEXIBILITY IN TIMES TO EAT MAIN MEALS, CONSISTENT WITH REQUIREMENTS OF INDICTARY SERVICES AND WITH ITS OWN REASONABLE STAFFING AND SCHEDULING			
30 31		C)			TS FLEXIBILITY IN TIMES TO BATHE, RISE AND RETIRE, CONSISTENT WITH ITS OWN AFFING AND SCHEDULING REQUIREMENTS; AND			
32 33		D)	_		ST ONE ALTERNATIVE MENU CHOICE FOR EACH MEAL OF SIMILAR NUTRITIVE VALUE. RNATIVE SHALL NOT BE USED FOR TWO CONSECUTIVE MEALS.			
34	7.15	PROBLEM RESOLUTION						

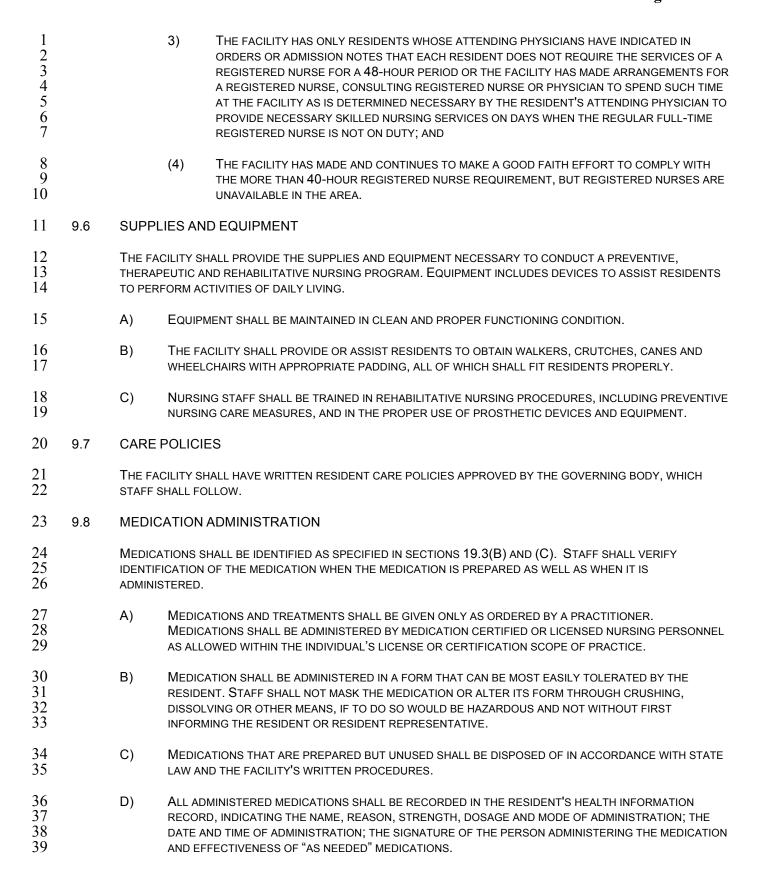


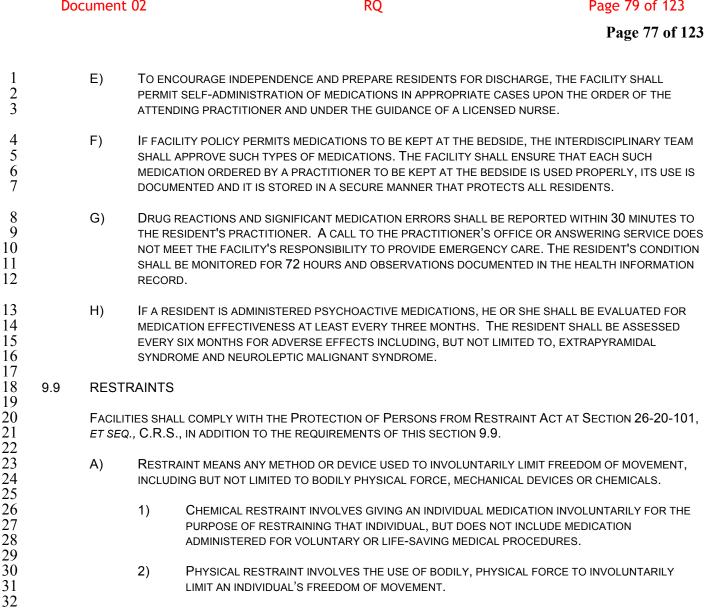




1		B)	THE M	IEDICAL DIRECTOR IS RESPONSIBLE FOR:			
2 3 4			1)	ACTING AS A LIAISON BETWEEN THE FACILITY AND ADMITTING PHYSICIANS ON MATTERS RELATED TO PHYSICIAN SERVICES, PROMPT WRITING OF ORDERS AND RESPONDING TO REQUESTS BY FACILITY STAFF;			
5			2)	CONSULTING ON THE DEVELOPMENT AND IMPLEMENTATION OF RESIDENT CARE POLICIES;			
6 7			3)	ESTABLISHING STANDARDS GOVERNING THE CONDUCT OF PHYSICIANS ADMITTING RESIDENTS TO THE FACILITY;			
8 9			4)	CONSULTING ON THE DEVELOPMENT AND IMPLEMENTATION OF A PROCEDURE TO PROVIDE CARE IN EMERGENCIES WHEN A RESIDENT'S PRACTITIONER IS UNAVAILABLE;			
10			5)	REVIEWING ACCIDENTS AND HAZARDS;			
11			6)	PARTICIPATING IN PHARMACEUTICAL ADVISORY COMMITTEE DELIBERATIONS;			
12			7)	PARTICIPATING IN THE PSYCHOTROPIC MEDICATION REVIEW COMMITTEE; AND			
13 14			8)	Chairing or co-chairing the quality management committee required by section 3.3 of this chapter.			
15 16 17		C)	THESE	IEDICAL DIRECTOR MAY UTILIZE TELEHEALTH FOR THE PERFORMANCE OF ANY TASK REQUIRED BY REGULATIONS EXCEPT THOSE TASKS WHERE THE REGULATIONS SPECIFICALLY REQUIRE A FACE CE EVALUATION OR PERSONAL VISIT.			
18	SECT	ION 9	NURS	SING SERVICES			
19	9.1	ORGA	NIZATI	ON			
20 21 22		COMPL	THE FACILITY SHALL HAVE A DEPARTMENT OF NURSING SERVICES THAT IS FORMALLY ORGANIZED TO PROVIDE COMPLETE, EFFECTIVE CARE TO EACH RESIDENT. THE FACILITY SHALL CLEARLY DEFINE QUALIFICATIONS, AUTHORITY AND RESPONSIBILITY OF NURSING PERSONNEL IN WRITTEN JOB DESCRIPTIONS.				
23	9.2	DIREC	DIRECTOR OF NURSING				
24 25 26		HOURS	EXCEPT AS PROVIDED IN SECTION 9.5, THE NURSING CARE FACILITY SHALL EMPLOY A FULL-TIME (40 HOURS/WEEK) DIRECTOR OF NURSING WHO IS A REGISTERED NURSE, QUALIFIED BY EDUCATION AND EXPERIENCE TO DIRECT FACILITY NURSING CARE.				
27	9.3	24-HC	UR NU	RSING COVERAGE			
28 29 30		FAMILIA	AR WITH	SHALL BE STAFFED WITH QUALIFIED NURSING PERSONNEL, AWAKE AND ON DUTY, WHO ARE THE RESIDENTS AND THEIR NEEDS IN A NUMBER SUFFICIENT TO MEET RESIDENT FUNCTIONAL MEDICAL AND NURSING NEEDS.			
31 32 33		A)	POTEN	SHALL BE SUFFICIENT IN NUMBER TO PROVIDE PROMPT ASSISTANCE TO PERSONS NEEDING OR STIALLY NEEDING ASSISTANCE, CONSIDERING INDIVIDUAL NEEDS SUCH AS THE RISK OF ENTS, HAZARDS OR OTHER UNTOWARD EVENTS.			
34 35 36		B)	AT LEA	PT AS PROVIDED IN SECTION 9.5, A NURSING CARE FACILITY SHALL BE STAFFED AT ALL TIMES WITH AST ONE REGISTERED NURSE WHO IS ON DUTY ON THE PREMISES. EACH RESIDENT CARE UNIT BE STAFFED WITH AT LEAST ONE LICENSED NURSE.			







- MECHANICAL RESTRAINT INVOLVES THE USE OF A PHYSICAL DEVICE TO INVOLUNTARILY 3)
 - RESTRICT THE MOVEMENT OF AN INDIVIDUAL OR THE MOVEMENT OR NORMAL FUNCTION OF A PORTION OF THE INDIVIDUAL'S BODY.
- B) RESTRAINT DOES NOT INCLUDE:

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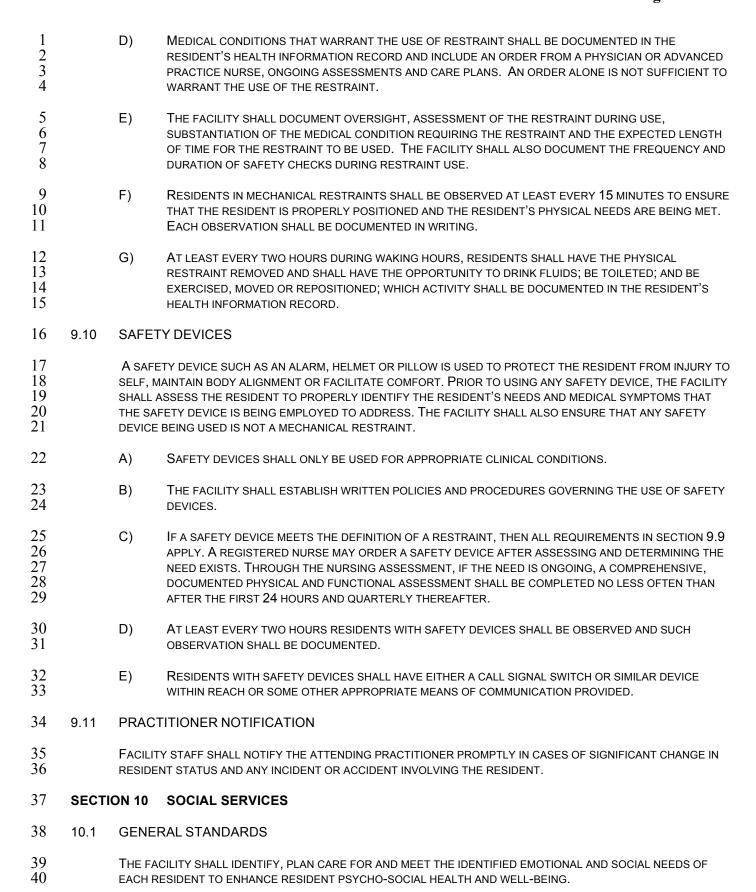
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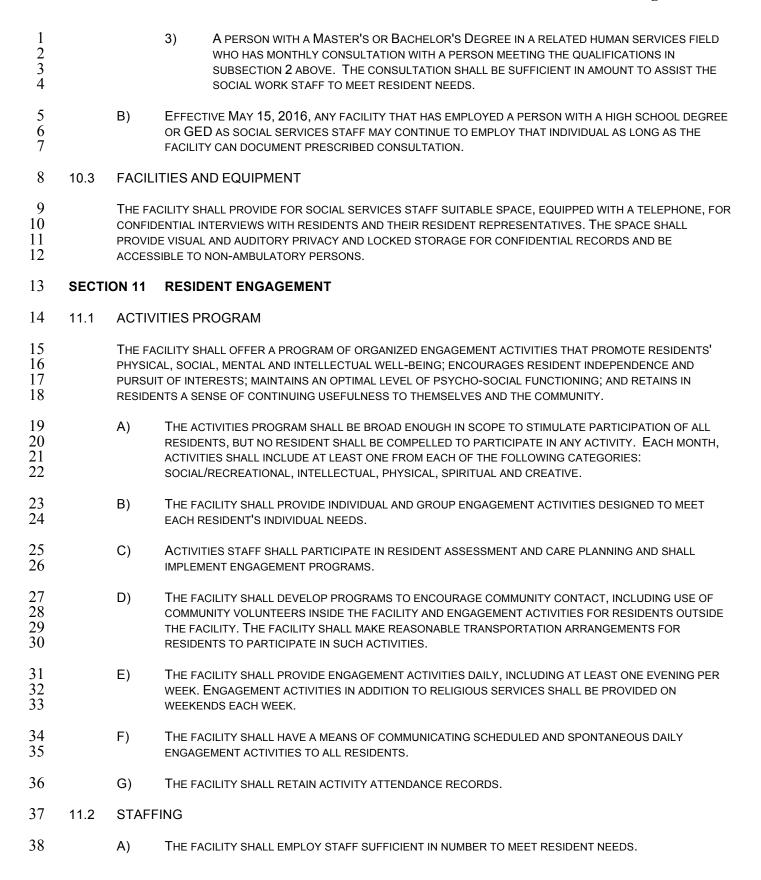
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- 1) THE USE OF PROTECTIVE DEVICES OR ADAPTIVE DEVICES FOR PROVIDING PHYSICAL SUPPORT, PREVENTION OF INJURY, VOLUNTARY OR LIFE-SAVING MEDICAL PROCEDURES;
- 2) THE HOLDING OF A RESIDENT FOR LESS THAN FIVE MINUTES BY A STAFF PERSON FOR THE PROTECTION OF THE RESIDENT OR OTHER PERSONS;
- 3) PLACEMENT OF A RESIDENT IN HIS OR HER ROOM FOR THE NIGHT; OR
- 4) THE USE OF A TIME-OUT AS DEFINED IN WRITING BY THE FACILITY.
- C) THE FACILITY SHALL ESTABLISH WRITTEN POLICIES AND PROCEDURES GOVERNING THE USE OF RESTRAINTS. THE FACILITY SHALL ENSURE AND DOCUMENT THAT REASONABLE EFFORTS ARE ATTEMPTED TO OBTAIN CONSENT FROM THE RESIDENT AND/OR RESIDENT REPRESENTATIVE FOR THE USE OF RESTRAINTS. THE FACILITY SHALL INFORM THE RESIDENT AND/OR RESIDENT REPRESENTATIVE REGARDING THE POTENTIAL RISKS AND BENEFITS OF RESTRAINTS PRIOR TO THEIR USE.



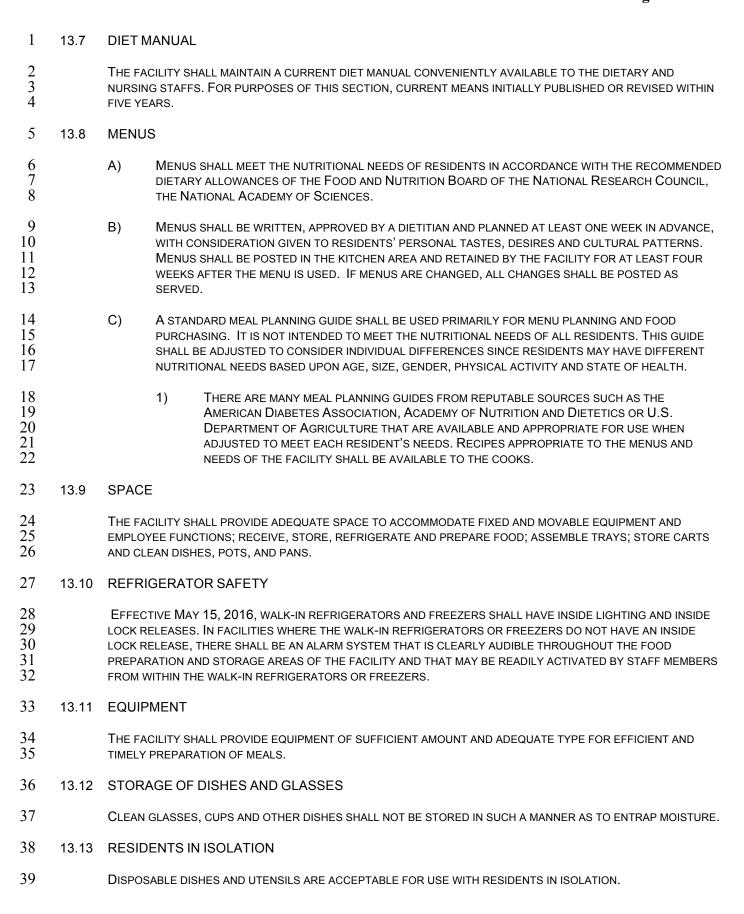
1 2 3 4 5		A)	APPROP ADMISSI RESIDEN	SERVICES STAFF SHALL BE INVOLVED IN THE PRE-ADMISSION PROCESS, PROVIDING INPUT AS TO PRIATENESS OF PLACEMENT FROM A PSYCHO-SOCIAL PERSPECTIVE, EXCEPT IN EMERGENCY IONS. SUCH INVOLVEMENT MAY INCLUDE CONTACT WITH THE PROSPECTIVE RESIDENT OR NOT REPRESENTATIVE, OR INTERDISCIPLINARY CONFERENCES THAT CONSIDER PSYCHO-SOCIAL AS WELL AS MEDICAL/NURSING CRITERIA.				
6 7		B)		SOCIAL SERVICES STAFF SHALL PROVIDE FOR INDIVIDUAL AND GROUP NEEDS, EITHER DIRECTLY OR BY REFERRAL TO COMMUNITY AGENCIES.				
8		C)		SERVICES STAFF SHALL ASSIST RESIDENTS AND FAMILIES IN COPING WITH THE MEDICAL AND 0-SOCIAL ASPECTS OF THE RESIDENT'S ILLNESS AND DISABILITY AND THE STAY IN THE FACILITY.				
10 11 12		D)	SERVICE	SERVICES STAFF SHALL ASSIST RESIDENTS IN PLANNING FOR DISCHARGE BY COORDINATING E DELIVERY WITH THE NURSING STAFF AND BY ASSESSING AVAILABILITY AND FACILITATING USE NCIAL AND SOCIAL SUPPORT SERVICES IN THE COMMUNITY.				
13 14 15		E)	TO MEE	SERVICES, SUCH AS COMMUNITY MENTAL HEALTH SERVICES, ARE AVAILABLE IN THE COMMUNITY T SPECIAL RESIDENTS' SOCIAL AND EMOTIONAL NEEDS, SOCIAL SERVICES STAFF SHALL PROVIDE PRIATE REFERRALS TO COMMUNITY SERVICES.				
16 17		F)		SERVICES STAFF SHALL COORDINATE TRANSFERS (OTHER THAN MEDICAL TRANSFERS) WITHIN T OF THE FACILITY AND ASSIST RESIDENTS IN ADJUSTING TO INTRA-FACILITY TRANSFERS.				
18 19 20		G)	SHALL P	SERVICES STAFF SHALL PARTICIPATE IN RESIDENT ASSESSMENT AND CARE PLANNING AND PROVIDE SOCIAL SERVICES TO RESIDENTS. STAFF SHALL REVIEW AND UPDATE THE ASSESSMENT RE PLAN AT LEAST QUARTERLY.				
21 22		H)		SERVICES STAFF SHALL RECORD INFORMATION ON SOCIAL HISTORY IN THE HEALTH ATION RECORD AND REVIEW IT AT LEAST ANNUALLY.				
23 24		I)		SERVICES STAFF SHALL RECORD PROGRESS NOTES IN THE RESIDENT'S HEALTH INFORMATION QUARTERLY.				
25 26		J)		SERVICES STAFF SHALL PARTICIPATE IN DEVELOPING POLICIES AND PROCEDURES PERTAINING IAL SERVICES IN THE FACILITY.				
27 28 29		K)	REPRES	SERVICES STAFF SHALL PROVIDE ORIENTATION TO NEW RESIDENTS AND THEIR RESIDENT SENTATIVES (INCLUDING EXPLANATION OF RESIDENTS' RIGHTS) AND ASSISTANCE TO RESIDENTS SIDENT REPRESENTATIVES IN RAISING CONCERNS ABOUT RESIDENT CARE.				
30	10.2	STAFF	ING					
31 32				ALL EMPLOY SOCIAL SERVICES STAFF THAT IS QUALIFIED ACCORDING TO THE CRITERIA BELOW IN NUMBER TO MEET THE SOCIAL AND EMOTIONAL NEEDS OF THE RESIDENTS.				
33		A)	A QUALI	IFIED SOCIAL WORK STAFF MEMBER IS A PERSON WHO IS EITHER:				
34 35 36 37			1)	A SOCIAL WORKER WITH A BACHELOR'S DEGREE IN SOCIAL WORK REGISTERED OR AUTHORIZED EXPRESSLY BY COLORADO LAW TO PRACTICE AS A SOCIAL WORKER WHO HAS ONE YEAR OF SOCIAL WORK EXPERIENCE UNDER THE SUPERVISION OF A LICENSED SOCIAL WORKER IN A HEALTH CARE SETTING WORKING DIRECTLY WITH RESIDENTS; OR				
38 39 40			2)	A SOCIAL WORKER WITH A MASTER'S DEGREE IN SOCIAL WORK WHO IS LICENSED AS A LICENSED SOCIAL WORKER OR LICENSED CLINICAL SOCIAL WORKER UNDER COLORADO LAW; OR				



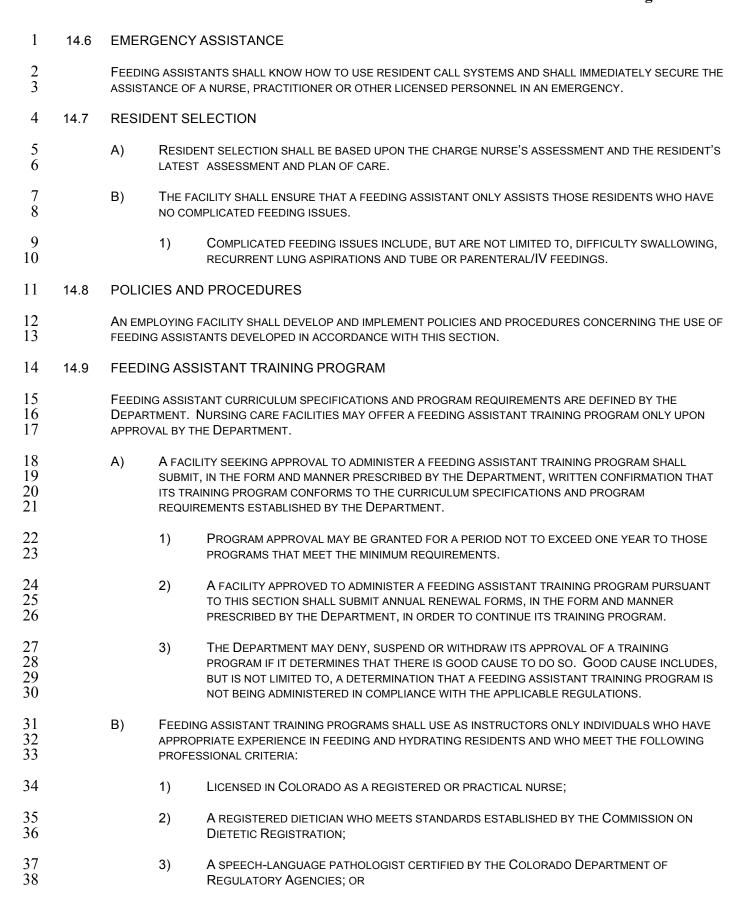
1 2		B)	B) THE FACILITY SHALL EMPLOY AN ACTIVITIES DIRECTOR WHO MEETS AT LEAST ONE OF THE FOLLOWING CRITERIA:				
3 4 5			1)	An activity professional certified by the National Certification Council for Activity Professionals as an Activity Director Certified (ADC) or Activity Consultant Certified (ACC);			
6 7 8 9			2)	AN OCCUPATIONAL THERAPIST OR OCCUPATIONAL THERAPY ASSISTANT MEETING THE REQUIREMENTS FOR CERTIFICATION BY THE AMERICAN OCCUPATIONAL THERAPY ASSOCIATION AND HAVING AT LEAST ONE YEAR OF EXPERIENCE IN PROVIDING ACTIVITY PROGRAMMING IN A NURSING CARE FACILITY;			
10 11 12			3)	A THERAPEUTIC RECREATION SPECIALIST, REGISTERED BY THE NATIONAL COUNCIL FOR THERAPEUTIC RECREATION CERTIFICATION, HAVING AT LEAST ONE YEAR OF EXPERIENCE IN PROVIDING ACTIVITY PROGRAMMING IN A NURSING CARE FACILITY;			
13 14 15			4)	A PERSON WITH A MASTER'S OR BACHELOR'S DEGREE IN THE SOCIAL OR BEHAVIORAL SCIENCES WHO HAS AT LEAST ONE YEAR OF EXPERIENCE IN PROVIDING ACTIVITY PROGRAMMING IN A NURSING CARE FACILITY;			
16 17 18 19			5)	A PERSON WHO HAS COMPLETED, WITHIN A YEAR OF EMPLOYMENT, A TRAINING COURSE FOR ACTIVITY PROFESSIONALS IN AN ACCREDITED STATE FACILITY AND WHO HAS AT LEAST TWO YEARS EXPERIENCE IN SOCIAL OR RECREATIONAL PROGRAM WORK, AT LEAST ONE YEAR OF WHICH WAS FULL-TIME IN AN ACTIVITIES PROGRAM IN A HEALTH CARE SETTING; OR			
20 21 22			6)	A PERSON WHO HAS MONTHLY CONSULTATION WITH A PERSON MEETING THE QUALIFICATIONS SET FORTH IN SUBSECTIONS (1) THROUGH (5) ABOVE. THE CONSULTATION SHALL BE SUFFICIENT IN AMOUNT TO ASSIST THE ACTIVITY STAFF MEMBERS TO MEET RESIDENT NEEDS.			
23	11.3	RELIG	SIOUS	SERVICES			
24 25 26		THEIR (THE FACILITY SHALL ASSIST RESIDENTS WHO ARE ABLE AND WISH TO DO SO TO ATTEND RELIGIOUS SERVICES OF THEIR CHOICE. THE FACILITY SHALL HONOR RESIDENT REQUESTS TO SEE THEIR CLERGY AND PROVIDE PRIVATE SPACE FOR SUCH VISITS.				
27	11.4	SPAC	SPACE AND EQUIPMENT				
28 29 30 31		PROGR RECRE	THE FACILITY SHALL MAKE AVAILABLE THE SUPPLIES, SPACE AND EQUIPMENT TO PROVIDE AN ACTIVITIES PROGRAM THAT MEETS EACH RESIDENT'S INDIVIDUAL NEEDS. THE FACILITY SHALL PROVIDE AN ACTIVITIES AND RECREATION AREA WITH ITEMS SUCH AS BOOKS, CURRENT NEWSPAPERS, GAMES, STATIONERY, RADIO AND TELEVISION.				
32	SECT	ION 12	DENT	AL SERVICES			
33	12.1	DENT	AL EXA	MINATION			
34 35 36 37 38		BY A LIG	CENSED CUMENTE SENTATI	ON, THE FACILITY SHALL PROVIDE EACH RESIDENT WHO CONSENTS WITH AN ORAL EXAMINATION DENTIST OR LICENSED DENTAL HYGIENIST. REFUSAL TO CONSENT TO SUCH EXAMINATION SHALL ED IN THE RESIDENT'S HEALTH INFORMATION RECORD. EACH RESIDENT OR RESIDENT VE SHALL BE INFORMED THAT UNDIAGNOSED ORAL HEALTH ISSUES MAY LEAD TO FUTURE HEALTH			
39 40		A)		ACILITY SHALL ENSURE THAT THE DENTAL EXAMINATION IS CONDUCTED ACCORDING TO CURRENT AL PRACTICE.			

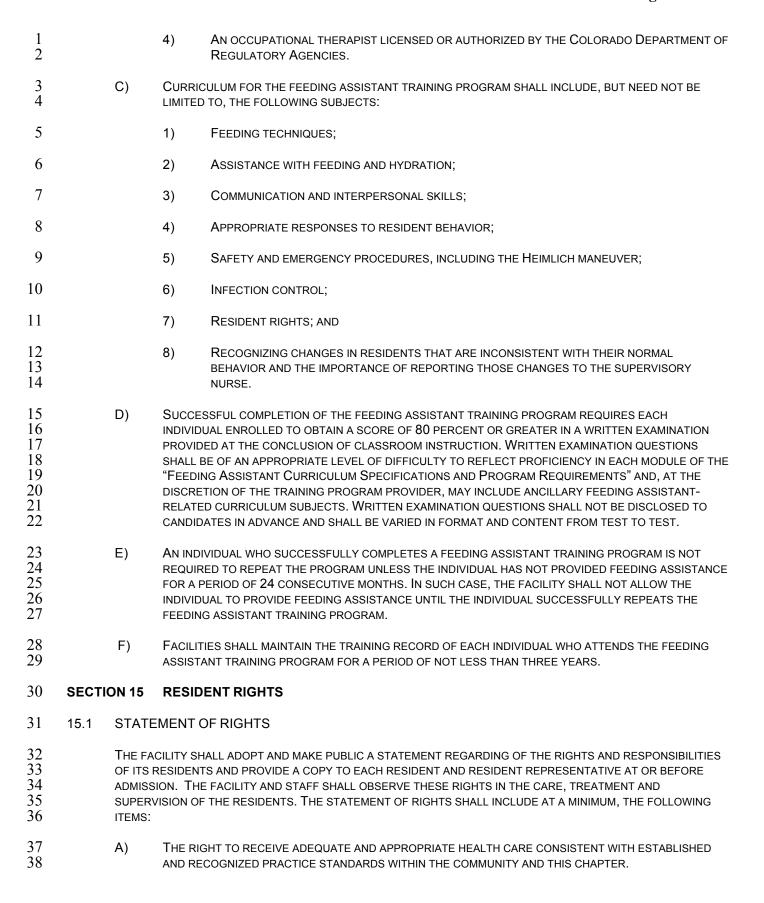
1 2 3		B)	WHILE THE FACILITY IS NOT RESPONSIBLE TO PAY FOR SUCH SERVICES, THE FACILITY SHALL INFORM ALL RESIDENTS ABOUT PUBLIC BENEFITS FOR DENTAL SERVICES AND ASSIST RESIDENTS IN ACCESSING SUCH BENEFITS AND SERVICES.				
4 5 6 7		C)	IN LIEU OF THE ADMISSION EXAMINATION, THE FACILITY MAY ACCEPT WRITTEN RESULTS OF A RESIDENT'S ORAL EXAMINATION ADMINISTERED DURING A PERIOD NOT TO EXCEED SIX MONTHS PRIOR TO ADMISSION. DOCUMENTATION OF SUCH EXAMINATION SHALL BE ENTERED INTO THE RESIDENT'S HEALTH INFORMATION RECORD.				
8	12.2	DENT	AL RECORDS				
9 10 11		AGREE	ENTIST OR THE DENTAL HYGIENIST IS RESPONSIBLE FOR THE DENTAL RECORD. FOR RESIDENTS WHO TO HAVE DENTAL SERVICES, THE FACILITY SHALL TAKE ALL NECESSARY STEPS TO ASSURE THAT THERE DIMPLETE, ACCURATE DENTAL RECORDS THAT INCLUDE THE FOLLOWING:				
12		A)	RESULTS OF ALL CURRENT DENTAL EXAMINATIONS AND PLANS FOR TREATMENT.				
13		B)	ONE OF THE FOLLOWING TO DOCUMENT PROVISION OF PLANNED TREATMENT:				
14			1) RECORD OF TREATMENT PROVIDED PURSUANT TO A PLAN FOR TREATMENT, OR				
15 16 17 18			2) DOCUMENTATION THAT A RESIDENT OF A NURSING CARE FACILITY OR RESIDENT REPRESENTATIVE IS AWARE OF ANY AND ALL SPECIFIC ORAL PATHOLOGY IDENTIFIED DURING AN ORAL EXAMINATION OF THE RESIDENT, BUT ELECTS NOT TO OBTAIN TREATMENT BECAUSE OF COST OR OTHER REASONS.				
19	12.3	ORAL	APPLIANCES				
20 21 22 23		HYGIEN TOOTH	UPON CONSENT, ALL RESIDENTS' REMOVABLE ORAL APPLIANCES OR THEIR CONTAINERS AND PERSONAL HYGIENE APPLIANCES (INCLUDING WITHOUT LIMITATION, FULL DENTURES, PARTIAL DENTURES, AND TOOTHBRUSHES) SHALL BE CLEARLY IDENTIFIED AND MARKED WITH THE USER'S NAME, AS RECOMMENDED BY A DENTIST.				
24	12.4	DENT	AL HYGIENE				
25 26 27		A DENT	CILITY SHALL IMPLEMENT POLICIES FOR DAILY ORAL HYGIENE FOR ITS RESIDENTS, IN CONSULTATION WITH IST OR A DENTAL HYGIENIST. THIS SHALL INCLUDE DAILY REMOVAL AND CLEANING OF REMOVABLE HODONTICS.				
28 29 30		A)	DIRECT CARE STAFF FROM EACH FACILITY SHALL HAVE AT LEAST AN ANNUAL IN-SERVICE TRAINING COURSE IN PREVENTIVE DENTISTRY AND ORAL HYGIENE, CONDUCTED BY A DENTIST OR DENTAL HYGIENIST.				
31	SECTI	ON 13	DIETARY SERVICES				
32	13.1	GENE	RAL STANDARDS				
33 34 35		WITH P	CILITY SHALL PROVIDE MEALS THAT ARE NUTRITIOUS; ATTRACTIVE; WELL BALANCED; IN CONFORMITY RACTITIONER ORDERS AND RESIDENT CHOICE AND SERVED AT THE APPROPRIATE TEMPERATURE IN TO ENHANCE RESIDENTS' HEALTH AND WELL BEING. IT SHALL ALSO OFFER NOURISHING SNACKS.				
36	13.2	ORGA	NIZATION				
37 38			CILITY SHALL HAVE AN ORGANIZED FOOD SERVICE THAT IS APPROPRIATELY PLANNED, EQUIPPED AND				

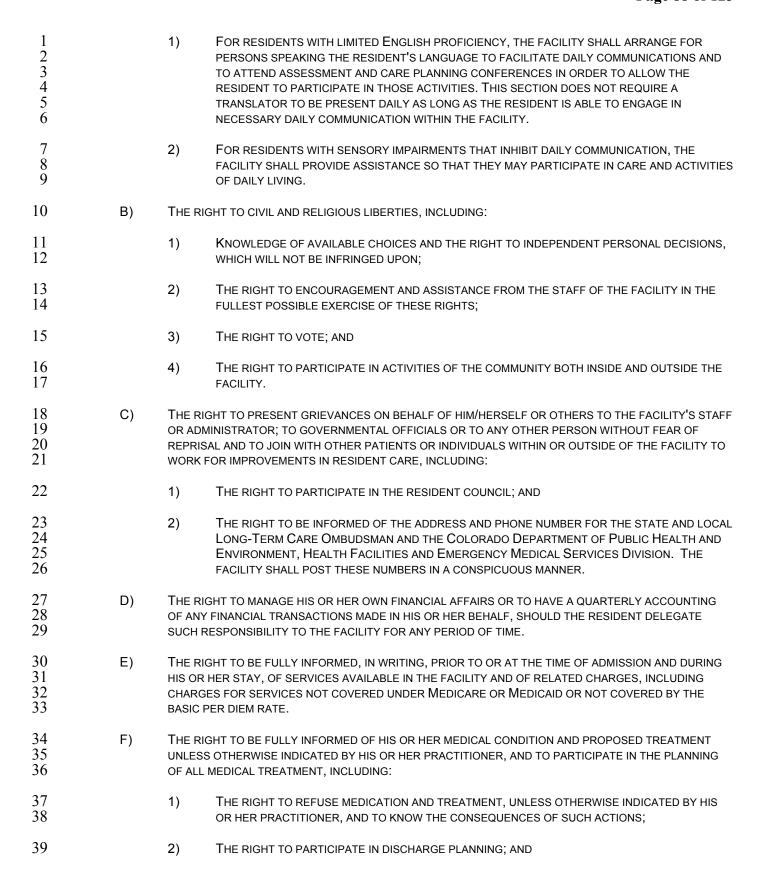
1 2 3 4		NEEDS, NOURIS	PREFEF	S COMPARABLE TO NORMAL MEALTIMES IN THE COMMUNITY OR IN ACCORDANCE WITH RESIDENT RENCES, REQUESTS AND PLAN OF CARE. THE FACILITY SHALL MAKE AVAILABLE SUITABLE, TERNATIVE MEALS AND SNACKS FOR RESIDENTS WHO WANT TO EAT AT NON-TRADITIONAL TIMES SCHEDULED MEAL SERVICE TIMES AND IN ACCORDANCE WITH THE RESIDENT PLAN OF CARE.			
5	13.3	PERSO	ONNEL				
6 7				RATOR SHALL DESIGNATE A REGISTERED DIETITIAN WHO MEETS STANDARDS ESTABLISHED BY THE N DIETETIC REGISTRATION TO BE RESPONSIBLE FOR THE DIETARY SERVICES.			
8 9 10		A)	CONSU	A REGISTERED DIETITIAN, THE DESIGNEE SHALL RECEIVE REGULARLY SCHEDULED JLTATION FOR DIETARY SERVICES OVERSIGHT FROM A REGISTERED DIETITIAN AND HAVE CABLE QUALIFICATIONS THAT MEET AT LEAST ONE OF THE CRITERIA LISTED BELOW.			
11 12			1)	A BACHELOR'S DEGREE WITH A MAJOR STUDY IN FOOD, NUTRITION, DIETETICS, OR HOTEL AND/OR RESTAURANT MANAGEMENT;			
13 14			2)	An Associate's degree with a major in dietetic technology, food management, culinary arts or hotel and/or restaurant management;			
15 16			3)	ELIGIBLE TO TAKE THE EXAM FOR CERTIFYING DIETARY MANAGERS OR CULINARY CERTIFICATION FROM A NATIONAL CREDENTIALED ORGANIZATION;			
17 18			4)	A GRADUATE OF A STATE APPROVED COURSE OF 90 HOURS FOR FOOD SERVICE MANAGEMENT AND TWO YEARS FOOD SERVICE MANAGEMENT EXPERIENCE;			
19			5)	MILITARY EDUCATION AND TRAINING EQUIVALENT TO SUBSECTION (2) OR (4); OR			
20 21 22			6)	A COMBINATION OF TRAINING AND EXPERIENCE DEEMED APPROPRIATE BY THE NURSING HOME ADMINISTRATOR TO MEET THE EXPECTATIONS FOR PROVIDING COMPREHENSIVE DIETARY SERVICES OVERSIGHT.			
23 24		B)		UMBER OF TRAINED FOOD SERVICE PERSONNEL SHALL BE SUFFICIENT TO PROVIDE FOOD SERVICE RESIDENTS IN THE FACILITY OVER A PERIOD OF 12 HOURS OR MORE PER DAY.			
25	13.4	POLIC	IES				
26 27		THE FACILITY SHALL HAVE WRITTEN POLICIES AND PROCEDURES APPROVED BY THE GOVERNING BODY FOR DIETARY PRACTICES.					
28	13.5	ORDERS					
29 30			TS AND TIONER.	NOURISHMENTS SHALL BE PROVIDED AND SERVED AS ORDERED BY THE ATTENDING			
31	13.6	NUTRI	TIONA	L ASSESSMENT AND PROGRESS NOTES			
32 33				UPERVISOR OR CONSULTANT SHALL PARTICIPATE IN RESIDENT ASSESSMENT AND CARE PLANNING ECTIONS 7.16, 7.20, AND 7.21 OF THIS CHAPTER.			
34 35		A)		UPERVISOR OR CONSULTANT SHALL WRITE PROGRESS NOTES ON EACH RESIDENT AT LEAST AT SIX HINTERVALS.			
36 37		B)		ACILITY SHALL REASONABLY ACCOMMODATE INDIVIDUAL RESIDENT PREFERENCES IN MEALS BY RING APPROPRIATE AND NUTRITIONALLY ADEQUATE SUBSTITUTES.			



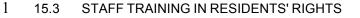
1	13.14	NAIL F	OLISH	AND FALSE NAILS				
2 3			INLESS WEARING INTACT GLOVES IN GOOD REPAIR, STAFF INVOLVED IN PREPARING AND SERVING FOOD SHALL FOR WEAR NAIL POLISH OR FALSE NAILS.					
4	13.15	DININ	NING AND RECREATIONAL FACILITIES					
5 6 7 8		HALLW/ ACCOM	NING AND RECREATION AREAS SHALL BE READILY ACCESSIBLE TO ALL RESIDENTS AND SHALL NOT BE IN A ALLWAY OR LANE OF TRAFFIC IN OR OUT OF THE FACILITY. SUCH SPACE SHALL BE SUFFICIENT TO COMMODATE ACTIVITIES CONDUCTED THERE, CONSISTENT WITH RESIDENT COMFORT AND SAFETY. THE NING AND RECREATION AREAS MAY BE SEPARATE OR COMBINED.					
9	SECTI	ON 14	N 14 FEEDING ASSISTANTS					
10 11	14.1			STANT" MEANS AN INDIVIDUAL WHO PROVIDES RESIDENTS WITH ASSISTANCE IN EATING AND RDER TO REDUCE THE INCIDENCE OF UNPLANNED WEIGHT LOSS AND DEHYDRATION.				
12	14.2	QUALIF	ICATION	IS				
13 14 15		A)	то ме	ISING CARE FACILITY SHALL ENSURE THAT ITS FEEDING ASSISTANTS ARE QUALIFIED AND TRAINED ETTHE REQUIREMENTS OF THIS SECTION 14, WITH THE EXCEPTION OF THE FOLLOWING DUALS WHO SHALL BE CONSIDERED EXEMPT:				
16			1)	LICENSED PRACTITIONERS;				
17			2)	CERTIFIED NURSE AIDES;				
18			3)	SUPERVISED NURSING STUDENTS; AND				
19			4)	RESIDENT FAMILY MEMBERS OR DESIGNEES.				
20		B)	THE F	ACILITY SHALL VERIFY THAT EACH FEEDING ASSISTANT MEETS THE FOLLOWING CRITERIA:				
21			1)	HAS NO HISTORY THAT WOULD PRECLUDE INTERACTION WITH RESIDENTS; AND				
22 23			2)	HAS SUCCESSFULLY COMPLETED THE FEEDING ASSISTANT TRAINING PROGRAM DESCRIBED IN SECTION 14.9 OF THIS CHAPTER.				
24	14.3	SUPE	RVISIO	N				
25 26 27 28		LICENS NURSE	ED PRAC , LICENS	SISTANT SHALL WORK UNDER THE SUPERVISION OF AND SHALL REPORT TO A REGISTERED OR CTICAL NURSE. EACH FEEDING ASSISTANT SHALL BE GIVEN INSTRUCTION BY A REGISTERED SED PRACTICAL NURSE OR REGISTERED DIETITIAN CONCERNING THE SPECIFIC FEEDING AND EDS OF EACH RESIDENT BEING ASSISTED.				
29	14.4	STAFF	ING					
30 31			FEEDING ASSISTANTS MAY NOT BE COUNTED TOWARD MEETING OR COMPLYING WITH ANY REQUIREMENT FOR JURSING CARE STAFF AND FUNCTIONS OF A FACILITY, INCLUDING MINIMUM NURSE STAFFING REQUIREMENTS.					
32	14.5	LOCA	TION					
33 34 35		DETER	MINED S	STANCE MAY BE PERFORMED IN EITHER CONGREGATE DINING AREAS OR RESIDENT ROOMS IF AFE BY THE NURSE IN CHARGE. A NURSE SHALL BE IMMEDIATELY AVAILABLE IN CASE OF AN URING MEALS.				







1 2			3)	THE RIGHT TO REVIEW AND OBTAIN COPIES OF HIS OR HER MEDICAL RECORDS IN ACCORDANCE WITH 6 CCR 1011-1, CHAPTER 2, PART 5.			
3 4		G)	THE RIGHT TO HAVE PRIVATE AND UNRESTRICTED COMMUNICATIONS WITH ANY PERSON OF HIS OR HER CHOICE; INCLUDING				
5 6			1)	THE RIGHT TO PRIVACY FOR TELEPHONE CALLS OR USE OF ELECTRONIC COMMUNICATION DEVICES;			
7			2)	THE RIGHT TO RECEIVE MAIL UNOPENED; AND			
8			3)	THE RIGHT TO PRIVATE CONSENSUAL SEXUAL ACTIVITY.			
9 10 11 12		H)	RESTR. FOR A	GHT TO BE FREE FROM MENTAL AND PHYSICAL ABUSE AND FROM PHYSICAL AND CHEMICAL AINTS, EXCEPT THOSE RESTRAINTS INITIATED THROUGH THE JUDGMENT OF PROFESSIONAL STAFF SPECIFIED AND LIMITED PERIOD OF TIME OR ON THE WRITTEN AUTHORIZATION OF A ITIONER.			
13		l)	THE RI	GHT TO FREEDOM OF CHOICE IN SELECTING A HEALTH CARE FACILITY.			
14 15 16 17		J)	RIGHTS RULES	GHT TO COPIES OF THE FACILITY'S RULES AND REGULATIONS, INCLUDING A COPY OF THESE S, AND AN EXPLANATION OF HIS OR HER RIGHTS AND RESPONSIBILITY TO OBEY ALL REASONABLE AND REGULATIONS OF THE FACILITY AND TO RESPECT THE PERSONAL RIGHTS AND PRIVATE RTY OF THE OTHER PATIENTS.			
18 19			1)	IF THE RESIDENT HAS LIMITED ENGLISH PROFICIENCY, THE RIGHT TO AN EXPLANATION OF RIGHTS AND RESPONSIBILITIES IN A LANGUAGE THE RESIDENT CAN UNDERSTAND; AND			
20 21			2)	THE RIGHT TO SEE FACILITY POLICIES, UPON REQUEST, AND STATE SURVEY REPORTS ON THE FACILITY.			
22 23 24 25		K)	OR THA	GHT TO BE TRANSFERRED OR DISCHARGED ONLY FOR MEDICAL REASONS, HIS OR HER WELFARE AT OF OTHER RESIDENTS, OR FOR NONPAYMENT FOR HIS OR HER STAY; AND THE RIGHT TO BE REASONABLE ADVANCE NOTICE OF ANY TRANSFER OR DISCHARGE, EXCEPT IN THE CASE OF AN BENCY AS DETERMINED BY PROFESSIONAL STAFF, CONSISTENT WITH SECTION 15.6.			
26		L)	THE R	IGHT NOT TO BE TRANSFERRED OR DISCHARGED FOR RAISING CONCERNS OR COMPLAINTS.			
27 28 29		M)	THE TR	GHT TO HAVE PRIVACY IN TREATMENT AND IN CARING FOR PERSONAL NEEDS, CONFIDENTIALITY IN REATMENT OF PERSONAL AND MEDICAL RECORDS, AND SECURITY IN STORING AND USING NAL POSSESSIONS.			
30 31 32		N)	TO REC	GHT TO BE TREATED COURTEOUSLY, FAIRLY AND WITH THE FULLEST MEASURE OF DIGNITY AND CEIVE A WRITTEN STATEMENT OF THE SERVICES PROVIDED BY THE FACILITY, INCLUDING THOSE RED TO BE OFFERED ON AN AS-NEEDED BASIS.			
33 34 35		O)	CERTIF	GHT OF ANY PERSON ELIGIBLE TO RECEIVE MEDICAID TO SELECT ANY NURSING CARE FACILITY FIED FOR PARTICIPATION IN MEDICAID WHERE A CERTIFIED BED IS AVAILABLE AND THE FACILITY EET THE RESIDENT'S NEEDS.			
36	15.2	TRAN	SFER O	F RIGHTS			
37 38			A RESIDENT'S RIGHTS SHALL TRANSFER TO THE RESIDENT REPRESENTATIVE IF THE RESIDENT LACKS DECISIONAL CAPACITY.				

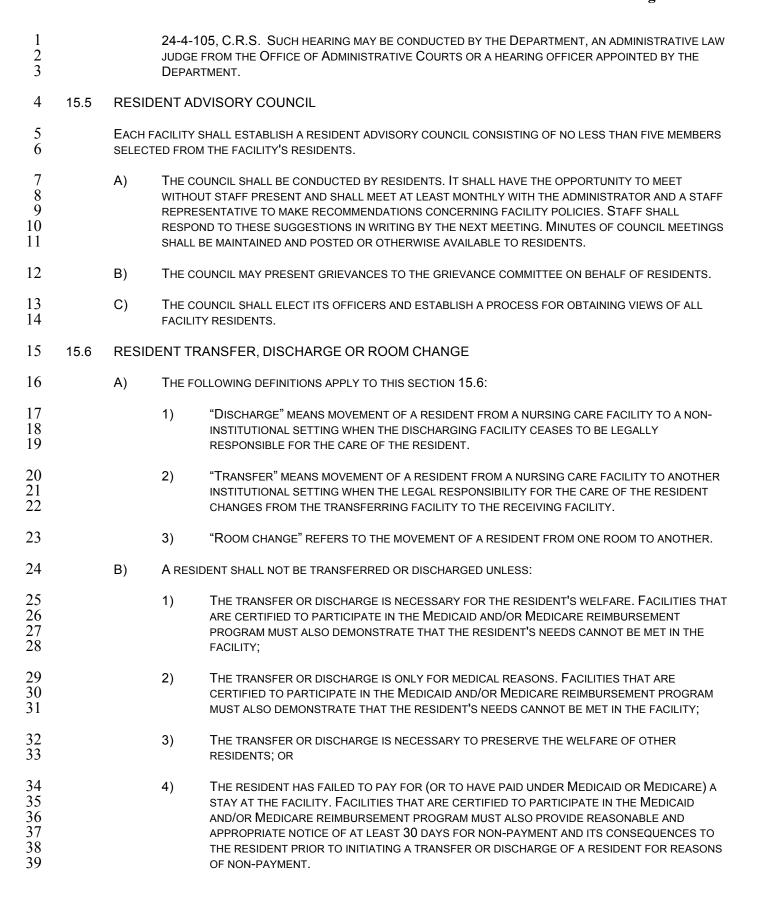


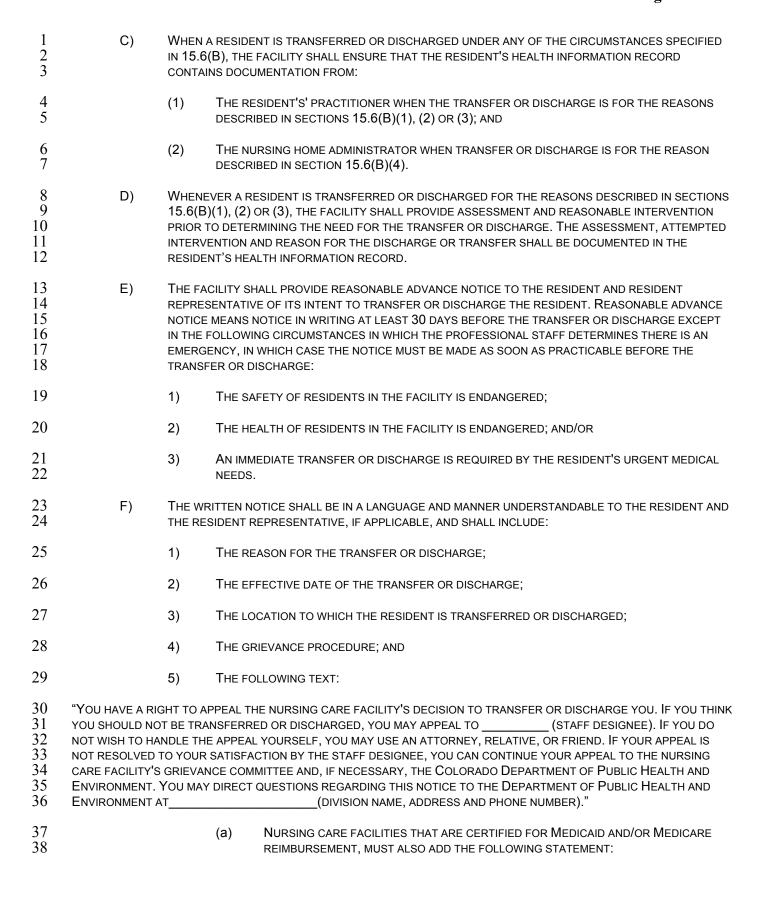
THE FACILITY SHALL TRAIN ALL STAFF IN THE OBSERVATION AND PROTECTION OF RESIDENTS' RIGHTS AND ENSURE THAT A COPY OF THE FACILITY'S STATEMENT OF RESIDENTS' RIGHTS IS AVAILABLE TO ALL NEW AND CURRENT EMPLOYEES.

15.4 GRIEVANCE PROCEDURE

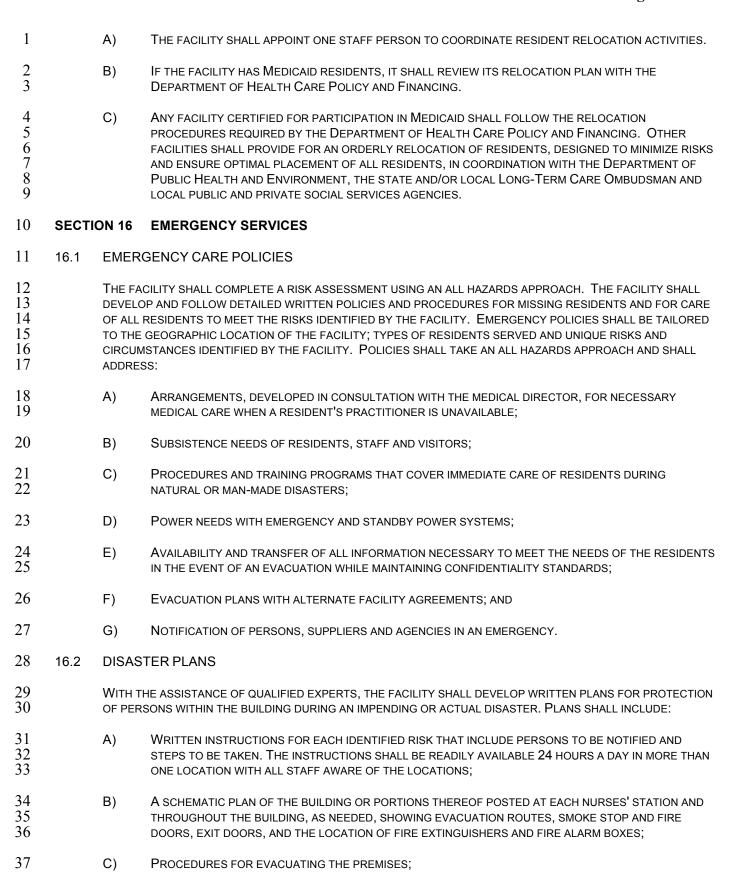
THE FACILITY SHALL DEVELOP A GRIEVANCE PROCEDURE, WHICH IT SHALL POST CONSPICUOUSLY IN A PUBLIC PLACE, FOR PRESENTATION OF GRIEVANCES BY RESIDENTS, RESIDENT REPRESENTATIVES OR THE RESIDENT COUNCIL REGARDING ANY CONDITIONS, TREATMENT OR VIOLATIONS OF RIGHTS OF ANY RESIDENT BY THE FACILITY OR STAFF (REGARDLESS OF THE CONSENT OF THE VICTIM OF THE ALLEGED IMPROPER CONDUCT).

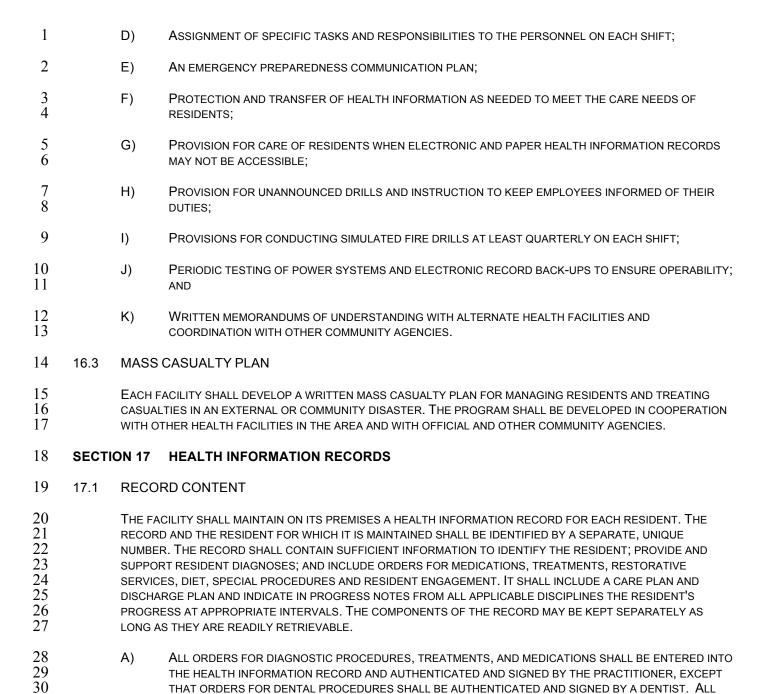
- A) THE FACILITY SHALL DESIGNATE A FULL-TIME STAFF MEMBER ("STAFF DESIGNEE") TO RECEIVE ALL GRIEVANCES.
- B) THE FACILITY SHALL ESTABLISH A GRIEVANCE COMMITTEE CONSISTING OF THE ADMINISTRATOR OR HIS OR HER DESIGNEE, A RESIDENT SELECTED BY THE FACILITY'S RESIDENTS AND A THIRD PERSON AGREED UPON BY THE ADMINISTRATOR AND THE FACILITY'S RESIDENT REPRESENTATIVE.
- C) ANY RESIDENT, RESIDENT REPRESENTATIVE OR THE RESIDENT COUNCIL MAY PRESENT A GRIEVANCE TO THE FACILITY STAFF DESIGNEE ORALLY OR IN WRITING WITHIN 14 DAYS OF THE INCIDENT GIVING RISE TO THE GRIEVANCE.
- D) THE STAFF DESIGNEE SHALL CONFER WITH PERSONS INVOLVED IN THE INCIDENT AND OTHER RELEVANT PERSONS AND, WITHIN THREE DAYS OF RECEIVING THE GRIEVANCE, SHALL PROVIDE A WRITTEN EXPLANATION OF FINDINGS AND PROPOSED REMEDIES TO THE COMPLAINANT AND THE AGGRIEVED PARTY, IF OTHER THAN THE COMPLAINANT, AND RESIDENT REPRESENTATIVE, IF ANY. WHERE APPROPRIATE DUE TO THE MENTAL OR PHYSICAL CONDITION OF THE COMPLAINANT OR AGGRIEVED PARTY, AN ORAL EXPLANATION SHALL ACCOMPANY THE WRITTEN ONE.
- E) IF THE COMPLAINANT OR AGGRIEVED PARTY IS DISSATISFIED WITH THE FINDINGS AND REMEDIES OF THE STAFF DESIGNEE OR THEIR IMPLEMENTATION, WITHIN TEN DAYS OF RECEIVING THE DESIGNEE'S EXPLANATION, THE COMPLAINANT OR AGGRIEVED PARTY MAY FILE THE GRIEVANCE ORALLY OR IN WRITING ALONG WITH ANY ADDITIONAL INFORMATION IT WISHES TO THE GRIEVANCE COMMITTEE.
- F) THE COMMITTEE SHALL CONFER WITH PERSONS INVOLVED IN THE INCIDENT AND OTHER RELEVANT PERSONS, INCLUDING THE COMPLAINANT, AND WITHIN TEN DAYS OF THE DATE OF THE APPEAL SHALL PROVIDE A WRITTEN EXPLANATION OF ITS FINDINGS AND PROPOSED REMEDIES TO THE COMPLAINANT AND THE AGGRIEVED PARTY, IF OTHER THAN THE COMPLAINANT, AND TO THE RESIDENT REPRESENTATIVE, IF ANY. WHERE APPROPRIATE DUE TO THE MENTAL OR PHYSICAL CONDITION OF THE COMPLAINANT OR AGGRIEVED PARTY, AN ORAL EXPLANATION SHALL ACCOMPANY THE WRITTEN ONE.
- G) THE COMPLAINANT OR AGGRIEVED PARTY, IF DISSATISFIED WITH THE FINDINGS AND REMEDIES OF THE GRIEVANCE COMMITTEE OR THEIR IMPLEMENTATION (EXCEPT FOR GRIEVANCES REGARDING PRACTITIONER OR PRACTITIONER-PRESCRIBED TREATMENT), MAY FILE THE GRIEVANCE IN WRITING WITH THE EXECUTIVE DIRECTOR OF THE DEPARTMENT WITHIN TEN DAYS OF RECEIPT OF THE WRITTEN FINDINGS OF THE GRIEVANCE COMMITTEE. THE DEPARTMENT SHALL THEN INVESTIGATE THE FACTS AND CIRCUMSTANCES OF THE GRIEVANCE AND MAKE WRITTEN FINDINGS OF FACT, CONCLUSIONS, AND RECOMMENDATIONS AND PROVIDE THEM TO THE COMPLAINANT, AGGRIEVED PARTY, RESIDENT REPRESENTATIVE, IF ANY, AND THE FACILITY ADMINISTRATOR.
- H) IF THE COMPLAINANT OR FACILITY ADMINISTRATOR IS AGGRIEVED BY THE DEPARTMENT'S FINDINGS AND RECOMMENDATIONS, HE OR SHE MAY REQUEST, WITHIN 30 DAYS OF RECEIPT OF THE FINDINGS AND RECOMMENDATIONS, THAT THE DEPARTMENT SET THE MATTER FOR HEARING PURSUANT TO SECTION





1 2 3	APPEAL		R WRITE	THE STA	TIONS OR COMPLAINTS ABOUT THE TRANSFER OR DISCHARGE OR WOULD LIKE HELP TO ATE OR LOCAL LONG-TERM CARE OMBUDSMAN AT(PHONE
4 5 6 7 8 9				(b)	IF THE RESIDENT WHO IS BEING INVOLUNTARILY TRANSFERRED IS A PERSON WITH A DEVELOPMENTAL DISABILITY FOR WHOM AN AGENCY HAS BEEN AUTHORIZED BY LAW AS THE AGENCY RESPONSIBLE FOR ADVOCACY AND PROTECTION OF THE RIGHTS OF PERSONS WITH DEVELOPMENTAL DISABILITIES, THE NURSING CARE FACILITY MUST ALSO FURNISH TO RESIDENT AND THE RESIDENT REPRESENTATIVE, THE FOLLOWING STATEMENT:
10 11					TIONS OR COMPLAINTS ABOUT THE TRANSFER OR DISCHARGE OR WOULD LIKE HELP TO, (NAME, PHONE NUMBER AND ADDRESS OF THE AGENCY.)"
12 13 14 15 16				(c)	IF THE RESIDENT WHO IS BEING TRANSFERRED IS A PERSON WITH MENTAL ILLNESS FOR WHOM AN AGENCY HAS BEEN AUTHORIZED BY LAW AS THE AGENCY RESPONSIBLE FOR THE ADVOCACY AND PROTECTION OF PERSONS WITH MENTAL ILLNESS, THE NURSING CARE FACILITY MUST ALSO FURNISH TO THE RESIDENT AND THE RESIDENT REPRESENTATIVE THE FOLLOWING STATEMENT:
17 18					TIONS OR COMPLAINTS ABOUT THE TRANSFER OR DISCHARGE OR WOULD LIKE HELP TO, (NAME, PHONE NUMBER AND ADDRESS OF THE AGENCY.)"
19 20 21 22 23 24 25		G)	NURS REIME RIGHT OMBL SAME	ING CARE BURSEMEI S, AND CI JDSMAN) S TIME IT IS	RE A RESIDENT IS BEING INVOLUNTARILY TRANSFERRED OR DISCHARGED FROM A FACILITY THAT IS CERTIFIED TO PARTICIPATE IN THE MEDICAID AND/OR MEDICARE NT PROGRAM, A COPY OF THE WRITTEN NOTICE (INCLUDING THE GRIEVANCE AND APPEAL URRENT CONTACT INFORMATION FOR THE STATE AND LOCAL LONG-TERM CARE SHALL ALSO BE SENT TO THE STATE AND LOCAL LONG-TERM CARE OMBUDSMAN AT THE SENT TO THE RESIDENT OR AS SOON AS THE DETERMINATION IS MADE THAT THE DISCHARGE IS INVOLUNTARY.
26 27		H)			ST PROVIDE SUFFICIENT PREPARATION AND ORIENTATION TO RESIDENTS TO ENSURE ERLY TRANSFER AND DISCHARGE FROM THE FACILITY.
28 29 30 31		I)	RESID WITH	ENT'S CO WRITTEN	CILITY INTENDS TO MOVE A RESIDENT TO ANOTHER ROOM IN THE FACILITY WITHOUT THE DISSENT, THE FACILITY SHALL PROVIDE THE RESIDENT AND RESIDENT REPRESENTATIVE NOTICE OF SUCH INTENT TO BE RECEIVED AT LEAST FIVE DAYS BEFORE SUCH MOVE, EXPLANATION ON THEIR RIGHT TO APPEAL.
32 33		J)			HALL NOT BE INVOLUNTARILY TRANSFERRED, DISCHARGED, OR MOVED TO ANOTHER THE FACILITY UNTIL:
34			1)	THE E	EXPIRATION OF THE NOTICE PERIOD, OR
35			2)	THE T	IME FOR ANY FURTHER ADMINISTRATIVE APPEALS HAS EXPIRED, OR
36			3)	THE G	GRIEVANCE OR APPEAL HAS BEEN RESOLVED.
37	15.7	RESID	DENT R	ELOCAT	ΓΙΟΝ
38 39 40 41		PUBLIC FINANC	CHEALT CING, IF	H AND EN IT HAS MI	O CLOSE OR CHANGE BED CLASSIFICATION, IT SHALL NOTIFY THE DEPARTMENT OF NVIRONMENT AND THE COLORADO DEPARTMENT OF HEALTH CARE POLICY AND EDICAID RESIDENTS, AT LEAST 60 DAYS BEFORE IT EXPECTS TO CEASE OR CHANGE AST SEVEN DAYS BEFORE IT NOTIFIES RESIDENTS AND FAMILIES.





THAT ORDERS FOR DENTAL PROCEDURES SHALL BE AUTHENTICATED AND SIGNED BY A DENTIST. ALL

AUTHENTICATED BY THE PERSON OR ENTITY SUBMITTING THEM AND INCORPORATED INTO THE HEALTH

ALL ENTRIES IN THE HEALTH INFORMATION RECORD SHALL BE CURRENT, DATED, AND SIGNED OR

AUTHENTICATED. THE RESPONSIBILITY FOR COMPLETING THE HEALTH INFORMATION RECORD RESTS

HEALTH INFORMATION RECORD SHALL BE ACCOMPLISHED BY HAND WRITTEN SIGNATURE, IDENTIFIABLE

WITH THE ATTENDING PRACTITIONER AND THE FACILITY ADMINISTRATOR. AUTHENTICATION OF THE

REPORTS OF X-RAY, LABORATORY TESTS, EKG, AND OTHER DIAGNOSTIC TESTS SHALL BE

INFORMATION RECORD WITHIN TWO DAYS AFTER RECEIPT BY THE FACILITY.

INITIALS OR DIGITIZED ELECTRONIC SIGNATURE.

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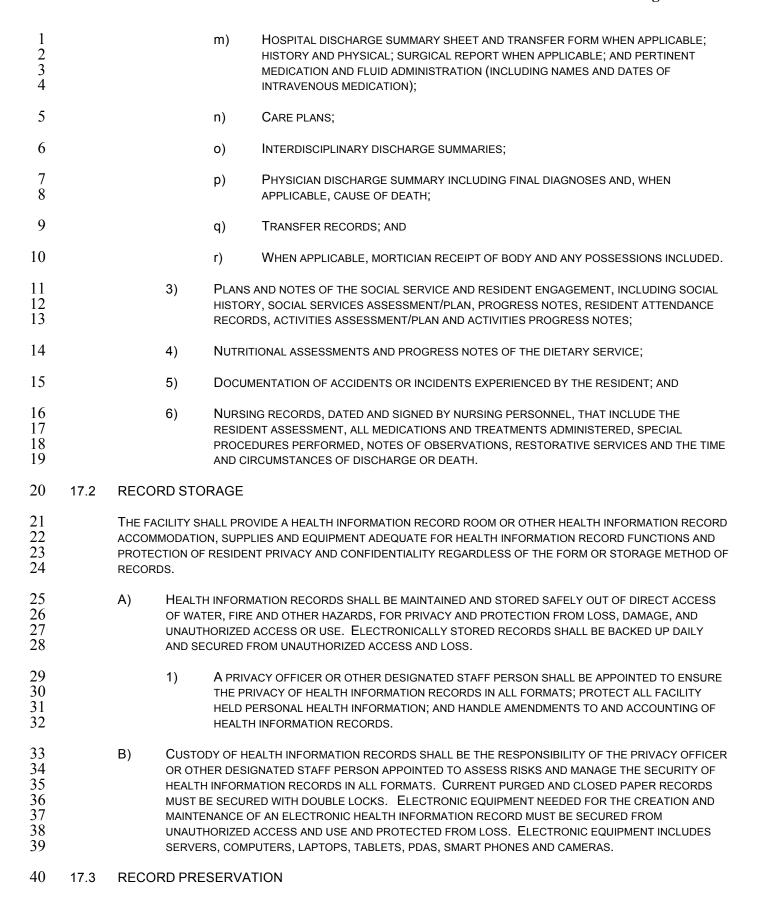
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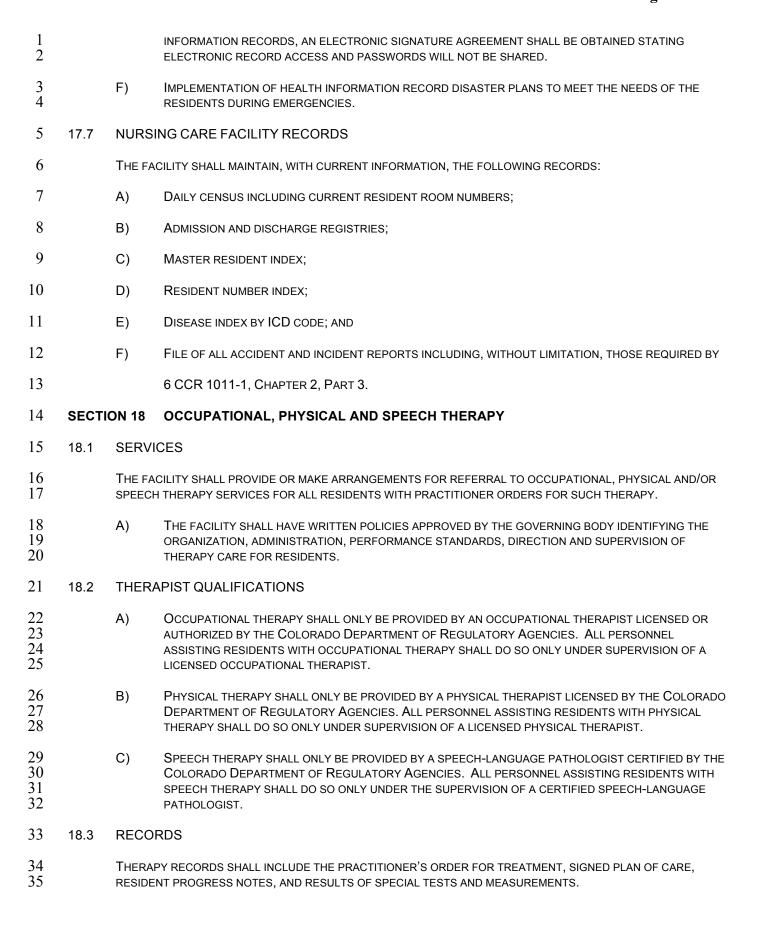
B)

Page 98 of 123

1 2 3	C)	TIME C	F ADMISS	HEALTH INFORMATION RECORD SHALL BE MAINTAINED ON EVERY RESIDENT FROM THE SION THROUGH THE TIME OF DISCHARGE. ALL HEALTH INFORMATION RECORDS SHALL DILLOWING ITEMS.
4		1)	IDENTI	FICATION AND SUMMARY SHEET (FACE SHEET) THAT INCLUDES:
5 6 7 8			a)	RESIDENT'S LEGAL NAME, PREFERRED NAME, HEALTH INFORMATION RECORD NUMBER SOCIAL SECURITY NUMBER, HEALTH INSURANCE INFORMATION, MARITAL STATUS, AGE, RACE, HOME ADDRESS, DATE OF BIRTH, RELIGION, LIFETIME OCCUPATION, GENDER AND LANGUAGE;
9			b)	NAME, ADDRESS AND PHONE NUMBER OF ATTENDING PRACTITIONER(S);
10 11			c)	Name of medical power of attorney, next of kin and/or resident representative, if known;
12			d)	DATE AND TIME OF ADMISSION AND DISCHARGE;
13			e)	PLACE ADMITTED FROM AND DISCHARGED TO; AND
14 15			f)	ADMITTING DIAGNOSIS, FINAL DIAGNOSIS(ES), CONDITION ON DISCHARGE AND DISPOSITION
16		(2)	MEDIC	AL DATA THAT INCLUDES:
17			a)	PAST MEDICAL HISTORY;
18			b)	ADVANCE DIRECTIVES AND LEGAL AUTHORITY DOCUMENTATION;
19 20			c)	DOCUMENTATION OF AN INITIAL COMPREHENSIVE PHYSICIAN VISIT WITHIN 30 DAYS OF ADMISSION AND RE-ADMISSION BASED ON RESIDENT NEED AND AT LEAST ANNUALLY;
21			d)	INFORMED CONSENTS, RELEASES AND NOTIFICATIONS;
22 23			e)	PRACTITIONER ORDERS OF ALL MEDICATIONS, TREATMENT, DIET, RESTORATIVE AND SPECIAL PROCEDURES;
24 25			f)	REPORTS OF ANY SPECIAL EXAMINATIONS, INCLUDING LABORATORY AND X-RAY REPORTS;
26			g)	REPORTS OF CONSULTATIONS BY CONSULTING PRACTITIONERS, IF ANY;
27			h)	REPORTS FROM ALL CONSULTING PERSONS AND AGENCIES, IF ANY;
28 29			i)	REPORTS OF SPECIAL TREATMENTS, SUCH AS PHYSICAL, OCCUPATIONAL, SPEECH OR RESPIRATORY THERAPY;
30			j)	HOSPICE, DIALYSIS, ULCER AND/OR WOUND CARE;
31			k)	DENTAL REPORTS, IF ANY;
32 33			l)	TREATMENT AND PROGRESS NOTES WRITTEN AND SIGNED BY THE PRACTITIONER AT THE TIME OF EACH VISIT,



1 ALL HEALTH INFORMATION RECORDS SHALL BE COMPLETED NO LATER THAN 30 DAYS FOLLOWING RESIDENT 2 DISCHARGE; FILED, ARCHIVED AND REPRODUCIBLE FOR TEN YEARS AFTER THE DATE OF THE LAST DISCHARGE. 3 17.4 RECORD MAINTENANCE 4 THE FACILITY SHALL IDENTIFY AND MAKE PROVISIONS FOR THE COMPLETE AND ACCURATE MAINTENANCE OF THE 5 RESIDENT HEALTH INFORMATION RECORD TO ENSURE PRIVACY, CONFIDENTIALITY AND SECURITY STANDARDS. 6 **STAFFING** 17.5 7 THE FACILITY SHALL EMPLOY HEALTH INFORMATION MANAGEMENT STAFF IN SUFFICIENT NUMBER TO MEET THE 8 NEEDS OF THE FACILITY. STAFF MEMBERS SHALL BE CONSIDERED QUALIFIED IF THEY MEET EITHER OF THE 9 CRITERIA BELOW. 10 1) A REGISTERED HEALTH INFORMATION ADMINISTRATOR (RHIA) OR REGISTERED HEALTH INFORMATION 11 TECHNICIAN (RHIT) WITH EITHER ONE YEAR OF EXPERIENCE IN A NURSING CARE FACILITY OR, IF NO 12 EXPERIENCE IN A NURSING CARE FACILITY, REGULAR CONSULTATIONS FOR ONE YEAR WITH A QUALIFIED 13 RHIA or RHIT; or 14 2) DEDICATED STAFF MEMBER(S) WITH ONE YEAR WORK EXPERIENCE AND/OR TRAINING IN HEALTH 15 INFORMATION MANAGEMENT AND REGULAR CONSULTATIONS FROM A QUALIFIED RHIA OR RHIT. 16 17.6 STAFF RESPONSIBILITIES 17 HEALTH INFORMATION STAFF SHALL BE RESPONSIBLE FOR ALL OF THE FOLLOWING ITEMS: 18 A) THE AUDITING, MAINTENANCE, SUPERVISION, CODING, CLOSING, SCANNING, FILING AND PROVIDING 19 SECURE STORAGE OF ALL RESIDENT HEALTH INFORMATION RECORDS. 20 B) PROVIDING ACCESS TO AND RELEASE OF HEALTH INFORMATION PER SECTION 25-1-801, C.R.S. 21 C) REPORTING TO THE NURSING HOME ADMINISTRATOR ANY IRREGULARITIES IDENTIFIED DURING AUDITS, 22 SURVEYS OR OTHER INVESTIGATIONS BY THE DEPARTMENT. 23 D) OBTAINING, MAINTAINING AND SECURING CURRENT CREDENTIALING DOCUMENTATION FOR ALL NON-24 EMPLOYEE PRACTITIONERS. CONSULTANTS AND OTHER LICENSED PROFESSIONALS WHO PROVIDE 25 SERVICES IN THE FACILITY INCLUDING, WHEN APPLICABLE, THE FOLLOWING: 26 1) DEA LICENSE: 27 2) NPI NUMBER; 28 3) MEDICAID PROVIDER NUMBER; 29 4) LIABILITY INSURANCE INFORMATION; 30 5) PROOF OF MONTHLY OFFICE OF INSPECTOR GENERAL (OIG) EXCLUSION LIST CHECKS 31 AND ANNUAL PECOS ENROLLMENT CHECKS AS REQUIRED BY FEDERAL REGULATION; 32 AND 33 6) TUBERCULOSIS TEST RESULTS AND ANNUAL INFLUENZA VACCINATION 34 DOCUMENTATION. 35 E) OBTAINING AUTHENTICATION OF SIGNATURE AND INITIALS FROM EACH PRACTITIONER, CONSULTANT AND 36 OTHER LICENSED PROFESSIONAL WHO PROVIDES SERVICES TO RESIDENTS. FOR ELECTRONIC HEALTH



1 18.4 COMMUNICATION 2 THE FACILITY SHALL ENSURE THAT THE THERAPIST COMMUNICATES TO THE FACILITY THE RESIDENT'S CONDITION 3 AND RESPONSE TO TREATMENT WITHIN 14 DAYS OF INITIATION OF TREATMENT AND EVERY 30 DAYS THEREAFTER 4 WHILE TREATMENT CONTINUES. 5 18.5 SPACE AND EQUIPMENT 6 THE FACILITY SHALL PROVIDE SPACE, APPROPRIATE EQUIPMENT AND STORAGE AREAS ADEQUATE FOR THERAPY 7 ON ALL REFERRED RESIDENTS. SERVICES SHALL BE PROVIDED IN AN AREA READILY ACCESSIBLE TO RESIDENTS. 8 EQUIPMENT SHALL BE PROPERLY MAINTAINED TO ENSURE SAFETY OF RESIDENTS AND STAFF. 9 SECTION 19 PHARMACEUTICAL SERVICES 10 19.1 **ORGANIZATION** 11 THE PHARMACEUTICAL SERVICES OF THE FACILITY SHALL BE ORGANIZED AND MAINTAINED EXCLUSIVELY FOR THE 12 BENEFIT OF THE FACILITY'S RESIDENTS. 13 A) THE PHARMACEUTICAL SERVICE SHALL BE SUPERVISED BY A CONSULTANT PHARMACIST LICENSED TO 14 PRACTICE PHARMACY IN THE STATE OF COLORADO. 15 1) IN THE EVENT OF A CONFLICT BETWEEN THE RULES IN THIS SECTION REGARDING 16 PHARMACEUTICAL SERVICES AND THE COLORADO BOARD OF PHARMACY RULES AT 3 CCR 17 719-1, THE LATER SHALL CONTROL. 18 B) ALL COMPOUNDING AND DISPENSING SHALL BE FROM A PHARMACY LICENSED BY THE COLORADO 19 BOARD OF PHARMACY IN ACCORDANCE WITH ALL PHARMACY LAWS AND REGULATIONS. 20 19.2 **ADVISORY COMMITTEES** 21 A) THE FACILITY SHALL ESTABLISH A PHARMACEUTICAL ADVISORY COMMITTEE THAT INCLUDES A 22 REGISTERED NURSE, THE CONSULTING PHARMACIST AND THE MEDICAL DIRECTOR, TO ASSIST IN THE 23 FORMULATION OF BROAD PROFESSIONAL POLICIES AND PROCEDURES RELATING TO PHARMACEUTICAL 24 SERVICE IN THE FACILITY. 25 B) THE FACILITY SHALL ESTABLISH A PSYCHOTROPIC ADVISORY COMMITTEE THAT INCLUDES, AT A 26 MINIMUM, A REGISTERED NURSE, THE CONSULTING PHARMACIST, THE MEDICAL DIRECTOR AND A SOCIAL 27 WORKER. 28 19.3 MEDICATION REQUISITION AND STORAGE POLICIES 29 THE FACILITY SHALL DESIGNATE IN WRITTEN POLICIES, APPROVED BY THE GOVERNING BODY, THE PERSON 30 AUTHORIZED TO REQUISITION, RECEIVE, CONTROL AND MANAGE MEDICATIONS. 31 A) RESIDENT MEDICATIONS SHALL BE OBTAINED FROM A LICENSED PHARMACY ON AN INDIVIDUAL 32 PRESCRIPTION BASIS FOR EACH RESIDENT. 33 B) MEDICATIONS BROUGHT INTO A FACILITY BY A RESIDENT SHALL BE IN THE ORIGINAL PACKAGING WITH 34 LEGIBLE DIRECTIONS FOR ADMINISTRATION. 35 C) UNLESS THE FACILITY USES A UNIT DOSE SYSTEM, EACH RESIDENT MEDICATION SHALL BE STORED IN 36 INDIVIDUAL, ORIGINALLY RECEIVED CONTAINERS OR "BLISTER" OR "BUBBLE" CARDS THAT ARE CLEARLY 37 AND LEGIBLY LABELED WITH THE MEDICATION NAME, STRENGTH, DOSAGE FREQUENCY AND MODE OF 38 ADMINISTRATION; DATE OF ISSUE AND EXPIRATION; NAME OF PRESCRIBING PRACTITIONER OR DENTIST;

1 DISPENSING PHARMACY NAME, ADDRESS AND TELEPHONE NUMBER; AND THE FULL NAME OF THE 2 RESIDENT FOR WHOM THE MEDICATION IS PRESCRIBED. 3 D) THE FACILITY SHALL PROTECT EACH RESIDENT'S MEDICATIONS FROM USE BY OTHER RESIDENTS, 4 VISITORS, AND STAFF. 5 19.4 **CONSULTING PHARMACIST** 6 THE FACILITY SHALL CONTRACT IN WRITING WITH A LICENSED PHARMACIST OR PHARMACY TO PROVIDE 7 CONSULTANT PHARMACIST SERVICE TO BE RESPONSIBLE FOR ALL PHARMACEUTICAL MATTERS IN THE FACILITY. THE CONTRACT SHALL SET FORTH THE FEES TO BE PAID FOR SERVICES AND THE PHARMACIST'S RESPONSIBILITIES, INCLUDING AT LEAST THE FOLLOWING: 10 A) LEGAL COMPOUNDING; 11 B) PROMPT DISPENSING OF PROPERLY LABELED INDIVIDUAL RESIDENT PRESCRIPTIONS; 12 C) INVENTORY CONTROL; 13 D) ESTABLISHMENT OF NECESSARY RECORDS; 14 E) PERIODIC INSPECTION OF ALL PHARMACEUTICAL SUPPLIES, MEDICATIONS AND PROCEDURES 15 ON ALL RESIDENT CARE UNITS INCLUDING INSPECTION OF PRESCRIPTION LABELS, EXPIRATION DATES, STORAGE AND EMERGENCY KIT PROCEDURES; 17 F) PROVISION OF AN EMERGENCY MEDICAL KIT, WHICH REMAINS THE PROPERTY OF A LICENSED 18 PHARMACY APPROVED BY THE PHARMACEUTICAL ADVISORY COMMITTEE AND THE COLORADO 19 STATE BOARD OF PHARMACY: 20 G) REGULARLY SCHEDULED VISITS AND CONSULTATIONS AND AT LEAST ANNUAL IN-SERVICE 2.1 TRAINING TO STAFF; 22 H) DETERMINATION OF PROPER PROCUREMENT AND MAINTENANCE OF ALL PRESCRIPTIONS AND OTHER MEDICATIONS; I) DEVELOPMENT OF PROPER ACCOUNTING PROCEDURES FOR CONTROLLED SUBSTANCES AND 25 LEGEND MEDICATIONS: 26 J) EVALUATION OF THE POLICIES OF THE PHARMACEUTICAL ADVISORY COMMITTEE; AND 27 QUARTERLY REPORTS TO THE PHARMACEUTICAL ADVISORY COMMITTEE ON THE STATUS OF K) 28 PHARMACY SERVICES. 29 19.5 **TELEHEALTH** 30 THE CONSULTING PHARMACIST MAY UTILIZE TELEHEALTH FOR THE PERFORMANCE OF ANY TASK SET FORTH IN 31 THESE REGULATIONS EXCEPT THOSE TASKS WHERE THE REGULATIONS SPECIFICALLY REQUIRE IN-PERSON 32 INSPECTION OR FACE TO FACE EVALUATION. 33 19.6 **CONTROLLED SUBSTANCES** 34 ONLY PRACTITIONERS AUTHORIZED UNDER THE LAWS OF THE STATE OF COLORADO AND PROPERLY 35 REGISTERED WITH THE FEDERAL GOVERNMENT SHALL PRESCRIBE CONTROLLED SUBSTANCES. THE FACILITY 36 SHALL COMPLY WITH ALL FEDERAL AND STATE LAWS AND REGULATIONS RELATING TO PROCUREMENT, STORAGE, ADMINISTRATION AND DISPOSAL OF CONTROLLED SUBSTANCES. UNLESS THE FACILITY USES A UNIT DOSE

1 SYSTEM, IT SHALL MAINTAIN A RECORD ON A SEPARATE SHEET FOR EACH RESIDENT RECEIVING A CONTROLLED 2 SUBSTANCE, WHICH CONTAINS THE NAME OF THE CONTROLLED SUBSTANCE; STRENGTH AND DOSAGE; DATE AND 3 TIME ADMINISTERED: RESIDENT NAME: NAME OF PRESCRIBING PHYSICIAN OR ADVANCE PRACTICE NURSE: 4 SIGNATURE OF PERSON ADMINISTERING AND THE QUANTITY OF THE CONTROLLED SUBSTANCE REMAINING. 5 19.7 INVESTIGATIONAL MEDICATIONS 6 IF INVESTIGATIONAL MEDICATIONS ARE USED, POLICIES AND PROCEDURES SHALL BE DEVELOPED AND A) 7 IMPLEMENTED FOR SAFE AND PROPER USE. 8 B) INVESTIGATIONAL MEDICATIONS SHALL BE USED ONLY: 9 1) WHEN THERE IS WRITTEN APPROVAL OF AN INSTITUTIONAL REVIEW BOARD (IRB), 10 ESTABLISHED IN ACCORDANCE WITH FEDERAL LAW AND REGULATION; AND 11 2) UNDER THE SUPERVISION OF A MEMBER OF THE MEDICAL STAFF AND ADMINISTERED IN 12 ACCORDANCE WITH AN IRB APPROVED PROTOCOL. 13 19.8 DISPOSITION OF MEDICATIONS. MEDICAL DEVICES AND MEDICAL SUPPLIES 14 A) IF CONTROLLED SUBSTANCES (SCHEDULES 2 THROUGH 5) ARE BEING HELD BY A FACILITY ON BEHALF 15 OF A RESIDENT AND THE CONTROLLED SUBSTANCES ARE NO LONGER NEEDED, THE FACILITY SHALL 16 CONDUCT ON-SITE DESTRUCTION OF THE CONTROLLED SUBSTANCES AS FOLLOWS: 17 1) THE FACILITY SHALL PROPERLY INVENTORY THE DESTRUCTION AND KEEP THE INVENTORY 18 COPY ON FILE FOR AT LEAST TWO YEARS; 19 2) DESTRUCTION OF CONTROLLED SUBSTANCES SHALL BE WITNESSED AND DOCUMENTED IN 20 WRITING BY THE ADMINISTRATOR OR DESIGNEE AND TWO CLINICALLY LICENSED INDIVIDUALS; 21 AND 22 3) THE DESTRUCTION SHALL BE PERFORMED IN A MANNER THAT RENDERS THE CONTROLLED 23 SUBSTANCES TOTALLY IRRETRIEVABLE. 24 B) ONCE A DEA CONTROLLED SUBSTANCE, OR ANY MEDICATION REQUIRING DISPOSAL, HAS BEEN 25 RENDERED TOTALLY IRRETRIEVABLE. THE FACILITY SHALL COMPLY WITH ALL APPLICABLE FEDERAL. 26 STATE, AND LOCAL LAWS INCLUDING SOLID AND HAZARDOUS WASTE DISPOSAL REGULATIONS. 27 C) IF A FACILITY MEETS THE CRITERIA IN 6 CCR 1011-1, CHAPTER 2, PART 7.202, IT MAY RETURN 28 UNUSED MEDICATIONS OR MEDICAL SUPPLIES AND USED OR UNUSED MEDICAL DEVICES TO A 29 PHARMACIST WITHIN THE FACILITY OR TO A PRESCRIPTION DRUG OUTLET IN ORDER FOR THE 30 MATERIALS TO BE RE-DISPENSED TO ANOTHER RESIDENT OR PATIENT, OR DONATED TO A NONPROFIT 31 ENTITY THAT HAS THE LEGAL AUTHORITY TO POSSESS THE MATERIALS OR TO A PRACTITIONER 32 AUTHORIZED BY LAW TO DISPENSE THE MATERIALS. 33 1) A PERSON OR ENTITY IS NOT SUBJECT TO CIVIL OR CRIMINAL LIABILITY OR PROFESSIONAL 34 DISCIPLINARY ACTION FOR DONATING, ACCEPTING, DISPENSING OR FACILITATING THE 35 DONATION OF MATERIAL IN GOOD FAITH, WITHOUT NEGLIGENCE, AND IN COMPLIANCE WITH 36 COLORADO LAW. 37 19.10 MEDICATION RELEASE 38 UPON DISCHARGE, THE FACILITY STAFF SHALL RELEASE MEDICATIONS TO A RESIDENT ONLY WITH WRITTEN 39 PRACTITIONER AUTHORIZATION.

1 19.11 RESIDENT MEDICATION PROFILE RECORD 2 THE DISPENSING PHARMACIST SHALL MAINTAIN MEDICATION PROFILE RECORDS ON EACH RESIDENT FOR WHOM 3 MEDICATIONS ARE DISPENSED. 4 SECTION 20 DIAGNOSTIC SERVICES 5 20.1 **POLICIES** 6 THE FACILITY SHALL ESTABLISH AND FOLLOW POLICIES FOR OBTAINING CLINICAL LABORATORY, IMAGING AND 7 OTHER DIAGNOSTIC SERVICES. 8 20.2 PRACTITIONER ORDERS 9 DIAGNOSTIC SERVICES SHALL BE PROVIDED ONLY ON THE ORDER OF THE ATTENDING PRACTITIONER. 10 **TRANSPORTATION** 20.3 11 THE FACILITY SHALL ASSIST RESIDENTS TO MAKE ARRANGEMENTS FOR TRANSPORTATION OF RESIDENTS AND/OR 12 LABORATORY SPECIMENS TO AND FROM THE SOURCE OF DIAGNOSTIC SERVICES. 13 **SECTION 21** PHYSICAL PLANT STANDARDS 14 21.1 **COMPLIANCE WITH FGI GUIDELINES** 15 EFFECTIVE JULY 1, 2013, ALL NURSING CARE FACILITIES SHALL BE CONSTRUCTED IN CONFORMITY WITH THE 16 STANDARDS ADOPTED BY THE DIRECTOR OF THE DIVISION OF FIRE PREVENTION AND CONTROL (DFPC) AT THE 17 COLORADO DEPARTMENT OF PUBLIC SAFETY. FOR CONSTRUCTION INITIATED OR SYSTEMS INSTALLED ON OR 18 AFTER JULY 1, 2013, THAT AFFECT PATIENT HEALTH AND SAFETY AND FOR WHICH DFPC HAS NO APPLICABLE 19 STANDARDS, EACH FACILITY SHALL CONFORM TO THE RELEVANT SECTION(S) OF THE GUIDELINES FOR DESIGN 20 AND CONSTRUCTION OF HEALTH CARE FACILITIES, (2010 EDITION), FACILITIES GUIDELINES INSTITUTE. THE 21 GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES, (2010 EDITION), FACILITIES 22 GUIDELINES INSTITUTE (FGI), IS HEREBY INCORPORATED BY REFERENCE AND EXCLUDES ANY LATER 23 AMENDMENTS TO OR EDITIONS OF THE GUIDELINES. THE 2010 FGI GUIDELINES ARE AVAILABLE AT NO COST IN A 24 READ-ONLY VERSION AT: HTTP://FGIGUIDELINES.ORG/DIGITALCOPY.PHP 25 SECTION 22 RESIDENT CARE UNIT 26 22.1 A RESIDENT CARE UNIT IS A DESIGNATED AREA OF A NURSING CARE FACILITY CONSISTING OF A BEDROOM OR A 27 GROUPING OF BEDROOMS WITH SUPPORTING FACILITIES AND SERVICES THAT ARE PLANNED, ORGANIZED, 28 OPERATED AND MAINTAINED TO PROVIDE ADEQUATE NURSING AND SUPPORTIVE CARE OF NOT MORE THAN 60 29 RESIDENTS. 30 22.2 PRIVATE AND MULTI-BED ROOMS 31 THE NURSING CARE FACILITY SHALL PROVIDE PRIVATE AND/OR MULTI-BED ROOMS TO MEET RESIDENT NEEDS. 32 THERE SHALL BE NO MORE THAN FOUR BEDS PER ROOM. 33 A) MINIMUM ROOM AREA, EXCLUSIVE OF CLOSETS, LOCKERS, WARDROBES OF ANY TYPE, VESTIBULES AND 34 TOILET ROOMS, SHALL BE 100 SQ. FT. FOR ONE-BED ROOMS AND 80 SQ. FT. PER BED IN MULTI-BED ROOMS. 36 B) PRIVACY SHALL BE PROVIDED FOR EACH RESIDENT IN A MULTI-BED ROOM BY THE INSTALLATION OF 37 OPAQUE FLAME RETARDANT CUBICLE CURTAINS OR MOVABLE SCREENING.

2 3 4	C)	SHALI PORT	HEDROOM SHALL HAVE AN EXTERIOR WINDOW. ONE-HALF OF THE REQUIRED WINDOW AREA L OPEN WITHOUT THE USE OF TOOLS. IF A MECHANICAL VENTILATION SYSTEM IS PROVIDED, A TION OF THE REQUIRED WINDOW SHALL OPEN WITHOUT THE USE OF TOOLS. PRIVACY FOR THE DENT AND CONTROL OF LIGHT SHALL BE PROVIDED AT EACH WINDOW.				
5	D)	EACH	EACH BEDROOM SHALL HAVE DIRECT ENTRY FROM A CORRIDOR.				
6	E)	ARTIF	FICIAL LIGHT SHALL BE PROVIDED AND INCLUDE:				
7		1)	GENERAL ILLUMINATION;				
8 9		2)	OTHER SOURCES OF ILLUMINATION FOR READING, OBSERVATION, EXAMINATIONS AND TREATMENTS; AND				
10		3)	NIGHT LIGHT CONTROLLED AT THE DOOR OF THE BEDROOM.				
11 12	F)		K COMPLETE WITH MIXING FAUCET, EASY-TO-USE CONTROLS, SANITARY SOAP AND A METHOD FOR TARY HAND-DRYING SHALL BE PROVIDED IN EACH BEDROOM.				
13 14	G)		LET ROOM, DIRECTLY ACCESSIBLE FROM EACH BEDROOM, WITHOUT GOING THROUGH A GENERAL RIDOR, SHALL BE PROVIDED.				
15		1)	THERE MAY BE ONE TOILET FOR TWO RESIDENT ROOMS BUT NOT MORE THAN FOUR BEDS.				
16 17		2)	The minimum dimensions for any room containing only one toilet room shall be 3 feet by 6 feet.				
18 19 20		3)	The door to the toilet room shall be at least 2FEET , 10Inches in width and shall not swing into the toilet room unless provided with rescue hardware permitting the door to swing outward.				
21 22 23 24		4)	THE TOILET ROOM SHALL CONTAIN A TOILET, PREFERABLY WITH BEDPAN FLUSHING EQUIPMENT, AND GRAB BARS THAT ARE SECURELY INSTALLED AND STRONG ENOUGH TO SUPPORT A RESIDENT'S WEIGHT SHALL BE CONVENIENTLY LOCATED FOR THE SAFETY OF RESIDENTS.				
25 26	H)		ROOMS SHALL BE EQUIPPED WITH MOVABLE FURNITURE AND EQUIPMENT WITH THE FOLLOWING FOR RESIDENT:				
27 28 29		1)	ADJUSTABLE, WASHABLE BED (ROLL AWAY TYPE BEDS, COTS AND FOLDING BEDS SHALL NOT BE USED), MATTRESS PROTECTED BY WATER-PROOF MATERIAL, MATTRESS PAD AND A COMFORTABLE PILLOW;				
30		2)	CABINET OR BEDSIDE TABLE;				
31		3)	OVER BED TABLE AS APPLICABLE;				
32 33		4)	WASTE PAPER RECEPTACLE WITH IMPERVIOUS, DISPOSABLE LINER OR DISPOSABLE WASTE RECEPTACLE;				
34		5)	PERSONAL CARE EQUIPMENT AS NEEDED; AND				
25		6)	STODAGE FACILITIES ADEQUATE FOR DESIDENTS! DEDSONAL ADTICLES AND CROOMING				

1 2 3		l)	MINIM	BEDROOM SHALL BE PROVIDED WITH A SEPARATE CLOSET OR LOCKER FOR EACH RESIDENT. THE UM SIZE OF CLOSET OR LOCKER IN A NURSING CARE FACILITY SHALL BE 1 FOOT, 8 INCHES WIDE BY DT, 10 INCHES DEEP WITH FULL LENGTH HANGING SPACE, CLOTHES ROD AND SHELF.				
4 5 6 7 8		J)	CALL I BED, \ SYSTE	EACH RESIDENT ROOM SHALL BE EQUIPPED WITH A COMMUNICATION SYSTEM TO ALLOW RESIDENTS CALL FOR STAFF ASSISTANCE. THE SYSTEM SHALL BE CAPABLE OF ACTIVATION FROM THE RESIDEN BED, WITH EMERGENCY ACTIVATION FROM THE TOILET ROOM, AND EACH TUB AND SHOWER. THE SYSTEM SHALL NOTIFY STAFF OF A REQUEST FOR ASSISTANCE VIA AUDIBLE, VISUAL OR ELECTRONIC MEANS.				
9	22.3	SERV	ICE AR	EAS				
10 11				IG SERVICE AREAS SHALL BE PROVIDED ON EACH FLOOR WHERE RESIDENTS RESIDE AND LOCATED γ FOR PATIENT CARE.				
12 13		A)		E SHALL BE A STAFF WORK AREA IN EACH RESIDENT CARE UNIT, ALONG WITH ACCESS TO TOILET ITIES OTHER THAN THOSE IN RESIDENT ROOMS.				
14		B)	THER	E SHALL BE A MEDICATION PREPARATION AREA EQUIPPED WITH:				
15			1)	CABINETS WITH SUITABLE LOCKING DEVICES TO PROTECT MEDICATIONS STORED THEREIN;				
16 17			2)	REFRIGERATOR EQUIPPED WITH THERMOMETER AND USED EXCLUSIVELY FOR PHARMACEUTICAL STORAGE;				
18			3)	Counter work space;				
19			4)	SINK WITH HAND WASHING FACILITIES; AND				
20			5)	READY ACCESS TO MEDICATION REFERENCE MANUALS.				
21 22 23		C)	BE ST	MEDICATIONS, EQUIPMENT, AND SUPPLIES FOR THEIR PREPARATION AND ADMINISTRATION SHALL ORED IN THE MEDICATION PREPARATION AREA. TEST REAGENTS, GENERAL DISINFECTANTS, NING AGENTS, AND OTHER SIMILAR PRODUCTS SHALL NOT BE STORED IN THE MEDICATION AREA.				
24 25		D)		E SHALL BE A STORAGE AREA IN EACH RESIDENT CARE UNIT FOR CLEAN LINEN THAT IS USED ON A INE BASIS. THE ROOM SHALL BE EQUIPPED WITH:				
26 27			1)	COUNTER, SINK WITH MIXING FAUCET, EASY TO USE CONTROLS, SANITARY SOAP AND A METHOD FOR SANITARY HAND-DRYING;				
28 29			2)	WASTE CONTAINER WITH COVER (FOOT CONTROLLED RECOMMENDED) AND IMPERVIOUS, DISPOSABLE LINER; AND				
30			3)	AREA FOR SUPPLIES.				
31		E)	THER	E SHALL BE A SOILED HOLDING ROOM EQUIPPED WITH:				
32 33			1)	SUITABLE COUNTER, DOUBLE-SINK WITH MIXING FAUCET, EASY TO USE CONTROLS, SANITARY SOAP AND A METHOD FOR SANITARY HAND-DRYING;				
34 35			2)	WASTE CONTAINER WITH COVER (FOOT CONTROLLED RECOMMENDED) AND IMPERVIOUS, DISPOSABLE LINER;				
36			3)	SPACE FOR SHORT-TIME HOLDING OF SPECIMENS AWAITING DELIVERY TO LABORATORY;				

1			4)	ADEQUATE SHELF AND COUNTER SPACE; AND			
2			5)	CLINICAL FLUSHING SINK.			
3		F)	THERE	THERE SHALL BE A UTILITY CLOSET EQUIPPED WITH:			
4			1)	SINK, PREFERABLY DEPRESSED OR FLOOR MOUNTED, WITH MIXING FAUCETS;			
5			2)	HOOK STRIP FOR MOP HANDLES FROM WHICH SOILED MOP HEADS HAVE BEEN REMOVED;			
6			3)	SHELVING FOR CLEANING MATERIALS;			
7			4)	HAND WASHING FACILITIES; AND			
8			5)	WASTE RECEPTACLES WITH IMPERVIOUS LINER.			
9 10		G)	HALLV EQUIP	VAYS SHALL BE FREE OF OBSTRUCTIONS SUCH AS FURNITURE, MEDICAL SUPPLIES AND MENT.			
11	22.4	BATH	ING RC	OOMS			
12 13				HING ROOMS SHALL BE PROVIDED IN THE RATIO OF ONE TUB OR ONE SHOWER FOR EACH 15 DIMEET THE FOLLOWING CRITERIA:			
14 15		A)		BARS SHALL BE SECURELY INSTALLED AT EACH TUB OR SHOWER AND BE STRONG ENOUGH TO ORT A RESIDENT'S WEIGHT.			
16		B)	Tubs	SHALL HAVE A NON-SLIP SURFACE.			
17 18		C)	THE R	OOM SHALL PROVIDE PRIVACY AND BE SUFFICIENTLY LARGE TO PROVIDE SPACE FOR WHEELCHAIR MENT.			
19			1)	THE ENTRY DOOR SHALL BE AT LEAST 36 INCHES IN WIDTH.			
20			2)	CURBS SHALL BE OMITTED FROM SHOWERS.			
21 22		D)		ATHING AREA SHALL ALSO CONTAIN A TOILET AND SINK WITH MIXING FAUCET, EASY TO USE ROLS, SANITARY SOAP AND A METHOD FOR SANITARY HAND-DRYING.			
23	22.5	EMER	GENCY	Y EQUIPMENT AND SUPPLIES			
24		A)	THE F	OLLOWING ITEMS SHALL BE READILY AVAILABLE AT ALL TIMES:			
25			1)	OXYGEN DELIVERY DEVICES;			
26			2)	SUCTION DEVICES;			
27			3)	PORTABLE EMERGENCY EQUIPMENT, SUPPLIES AND MEDICATIONS; AND			
28			4)	COMPATIBLE SUPPLIES AND EQUIPMENT FOR IMMEDIATE INTRAVENOUS THERAPY.			
29	SECT	ON 23	SECU	JRE ENVIRONMENT			
30	23.1	COMP	LIANCE				

2 3		RESIDE	NTS SHA	LL COMP	ONE OR MORE RESIDENT CARE UNITS THAT ARE SECURED TO PROHIBIT FREE EGRESS OF LY WITH THE STANDARDS IN THIS SECTION IN ADDITION TO ALL OTHER APPLICABLE CHAPTER.		
4 5 6 7	23.2	THE TE	AM SHAL	L INCLUE	GNATED TEAM TO EVALUATE PLACEMENT OF A RESIDENT IN A SECURE ENVIRONMENT. DE, AT A MINIMUM, THE DIRECTOR OF NURSING OR DESIGNEE, A SOCIAL SERVICES STAFF RATOR OR DESIGNEE AND AN INDIVIDUAL (WITH MENTAL HEALTH OR SOCIAL WORK ITE TO THE NEEDS OF THE RESIDENTS) WHO IS NOT A FACILITY STAFF MEMBER.		
8 9 10		A)		MEMBER	ITUATIONS, INITIAL PLACEMENT MAY PROCEED WITHOUT THE INPUT OF A NON FACILITY PROVIDED A FULL TEAM EVALUATION IS COMPLETED WITHIN SEVEN DAYS OF		
11 12 13		B)	FROM I	TS CONT	T IS A PLACEMENT FACILITY AS DEFINED IN THIS CHAPTER SHALL HAVE AN INDIVIDUAL RACTING DESIGNATED FACILITY ON THE EVALUATION TEAM FOR EVALUATIONS OF RED BY THE DESIGNATED FACILITY.		
14	23.3	MENT	AL HEA	LTH PL	ACEMENT FACILITIES		
15 16 17		502-1,	Any facility that is a placement facility as defined in this chapter shall also comply with 2 CCR 502-1, section 21.280, Care and Treatment of Persons with a Mental Health Disorder in a Designated Facility. In the case of conflicting regulations, the stricter shall apply.				
18	23.4	PRE-A	DMISS	ION SCF	REENING AND PLACEMENT		
19 20		A)			ACE A RESIDENT INTO A SECURE ENVIRONMENT, THE FACILITY SHALL ENSURE THAT ALL VING REQUIREMENTS ARE MET:		
21			1)	AN EV	ALUATION TEAM FINDS, BASED ON AVAILABLE EVIDENCE, THAT:		
22				a)	THE RESIDENT IS A SERIOUS DANGER TO SELF OR OTHERS, OR		
23 24				b)	THE RESIDENT HABITUALLY WANDERS OR WOULD WANDER OUT OF BUILDINGS AND IS UNABLE TO FIND THE WAY BACK, OR		
25 26				c)	THE RESIDENT HAS A SIGNIFICANT BEHAVIORAL HEALTH ISSUE THAT SERIOUSLY DISRUPTS THE RIGHTS OF OTHER RESIDENTS; AND IN ALL CASES		
27 28				d)	LESS RESTRICTIVE ALTERNATIVES HAVE BEEN UNSUCCESSFUL IN PREVENTING HARM TO SELF OR OTHERS.		
29			2)	A PRAG	CTITIONER HAS AUTHENTICATED THE PLACEMENT;		
30 31			3)		EN FINDINGS AND THE FACTUAL BASIS FOR THE PLACEMENT ARE DOCUMENTED IN THE H INFORMATION RECORD; AND		
32			4)	THE RE	ESIDENT OR RESIDENT REPRESENTATIVE HAS GIVEN INFORMED, WRITTEN CONSENT.		
33 34 35				a)	IF THE RESIDENT LACKS DECISIONAL CAPACITY AND HAS NO RESIDENT REPRESENTATIVE THE FACILITY SHALL, WITHIN 30 DAYS OF PLACEMENT, PETITION THE APPROPRIATE COURT TO HAVE A GUARDIAN APPOINTED FOR THE RESIDENT.		
36 37 38		B)		OSOCIAL	A SECURE ENVIRONMENT SHALL BE BASED SOLELY ON THE PHYSICAL AND NEEDS OF THE RESIDENT AND SHALL BE THE LEAST RESTRICTIVE ALTERNATIVE		

2	23.5	A FACII 23.9.	Y SHALL HAVE WRITTEN PROGRAMS TO SUPPORT THE RESIDENTS IT ADMITS, AS REQUIRED BY SECTION				
3	23.6	RESIDENTS OF A SECURE ENVIRONMENT SHALL BE ALLOWED TO HAVE VISITORS AND PARTICIPATE IN ORGANIZED ACTIVITIES.					
5	23.7	PLACE	PLACEMENT EVALUATION				
6 7 8 9 10		A)	A) A RESIDENT'S PLACEMENT IN OR RESTRICTION TO A SECURE ENVIRONMENT SHALL TERMINATE IN A TIMELY MANNER WHEN THE CONDITION OR BEHAVIOR JUSTIFYING THE PLACEMENT HAVE DIMINISHED TO THE EXTENT THAT THE CRITERIA IN SECTION 23.4 ARE NO LONGER MET, OR WHEN CONSENT IS TERMINATED OR WITHDRAWN, OR IF THE FACILITY AND PRACTITIONER DETERMINE THAT SUCH CONTINUED PLACEMENT COULD ADVERSELY AFFECT RESIDENT HEALTH OR SAFETY.				
11 12			THE FACILITY SHALL PROVIDE THE SAME NOTICE AND APPEAL RIGHTS REQUIRED BY SECTION 15.6(E) AND (F) BEFORE MOVING A RESIDENT OUT OF A SECURE ENVIRONMENT.				
13 14 15		B)	THE EVALUATION TEAM DESCRIBED IN SECTION 23.2 SHALL RE-EVALUATE THE PLACEMENT OF EACH RESIDENT 30 DAYS AFTER INITIAL PLACEMENT AND NO LESS OFTEN THAN EVERY 180 DAYS THEREAFTER.				
16 17 18 19			Individuals under involuntary mental health placement under Section 27-65-101, C.R.S., et seq., shall be evaluated in accordance with 2 CCR 502-1, §21.280 Care and Treatment of Persons With a Mental Health Disorder in a Designated Facility.				
20 21 22		C)	FOR RESIDENTS WITH BEHAVIORAL HEALTH ISSUES WHOSE CONDITIONS HAVE STABILIZED, THE FACILITY MAY CONTINUE PLACEMENT IN THE SECURE ENVIRONMENT IF THE EVALUATION TEAM FINDS THAT PLACEMENT IS NECESSARY TO MEET THE RESIDENT'S INDIVIDUAL NEEDS.				
23	23.8	STAFF	IG				
24 25			THE FACILITY SHALL PROVIDE A SUFFICIENT NUMBER OF QUALIFIED STAFF TO MEET FULLY THE NEEDS OF RESIDENTS IN THE SECURE ENVIRONMENT, PARTICULARLY ON THE NIGHT SHIFT.				
26 27		A)	STAFF IN THE SECURE ENVIRONMENT SHALL BE EXPERIENCED AND TRAINED IN THE PARTICULAR NEEDS AND CARE OF ITS RESIDENTS.				
28 29 30		B)	FOR RESIDENTS IN THE SECURE ENVIRONMENT, THE FACILITY SHALL ENSURE THERE IS TIME AND STAFF DEDICATED TO MEET THE SOCIAL, EMOTIONAL AND RECREATIONAL NEEDS OF THE RESIDENTS AND THE SOCIAL AND EMOTIONAL NEEDS OF THEIR FAMILIES IN COPING WITH THE RESIDENT'S ILLNESS.				
31 32		C)	FOR RESIDENTS WITH MENTAL ILLNESS, THE FACILITY SHALL PROVIDE STAFF WHO HAVE DEMONSTRATED KNOWLEDGE AND SKILL IN CARING FOR RESIDENTS WITH MENTAL ILLNESS.				
33	23.9	PROG	AMS				
34 35 36		ENVIRO	IN ADDITION TO MEETING THE SPECIAL MEDICAL AND NURSING NEEDS OF EACH RESIDENT IN THE SECURE ENVIRONMENT, THE FACILITY SHALL PROVIDE SOCIAL SERVICES AND ACTIVITY PROGRAMS ESPECIALLY DESIGNED FOR THOSE RESIDENTS TO AVOID PROGRAMMATIC ISOLATION.				
37 38 39		A)	ACTIVITIES AND SOCIAL SERVICES PROGRAMS SHALL INCLUDE THE OPPORTUNITY FOR REGULAR NTERACTION WITH RESIDENTS NOT RESIDING IN THE SECURE ENVIRONMENT AND REGULAR NTERACTION WITH THE COMMUNITY OUTSIDE THE FACILITY.				

1	23.10	SECLUSION					
2 3 4		CONFIN	RESIDENTS OF THE SECURE ENVIRONMENT MAY NOT BE LOCKED INTO THEIR ROOMS. IF A PLACEMENT FACILITY CONFINES TO A ROOM ANY INDIVIDUAL WHO IS UNDER INVOLUNTARY MENTAL HEALTH PLACEMENT, THE FACILITY SHALL COMPLY WITH 2 CCR 502-1, SECTION 21.280.42, USE OF SECLUSION.				
5	23.11	PHYSI	CAL SPACE				
6 7 8		LEAST '	In addition to the physical plant requirements of these regulations, the facility shall provide at least 10 square feet per resident (excluding hallways) of common areas within the secure environment.				
9 10		A)	THE FACILITY SHALL IDENTIFY ITS METHOD FOR SECURING THE AREA AND ESTABLISH AND IMPLEMENT PROCEDURES FOR MONITORING THE EFFECTIVENESS OF THE SECURITY SYSTEM.				
11 12 13		B)	B) ANY FACILITY THAT HAS AN OUTSIDE AREA OR YARD THAT RESIDENTS IN THE NON-SECURE AREAS OF THE FACILITY MAY USE SHALL ESTABLISH A SECURE OUTSIDE AREA FOR RESIDENTS OF THE SECURE ENVIRONMENT.				
14	SECTI	ON 24	HOUSEKEEPING SERVICES				
15	24.1	ORGA	NIZATION				
16 17			EACH FACILITY SHALL ESTABLISH AN ORGANIZED HOUSEKEEPING SERVICE THAT KEEPS THE FACILITY CLEAN, ORDERLY AND FREE FROM ODOR RESULTING FROM POOR HOUSEKEEPING PRACTICES.				
18 19		A)	THE FACILITY SHALL PROVIDE A SUFFICIENT NUMBER OF HOUSEKEEPING PERSONNEL AND ADEQUATE EQUIPMENT.				
20 21		B)	DEODORIZERS SHALL NOT BE USED TO COVER UP ODORS CAUSED BY UNSANITARY CONDITIONS OR INADEQUATE HOUSEKEEPING PRACTICES.				
22	24.2	EQUIP	EQUIPMENT AND SUPPLIES				
23 24			SUITABLE EQUIPMENT AND SUPPLIES SHALL BE PROVIDED FOR CLEANING OF ALL SURFACES. SUCH EQUIPMENT SHALL BE MAINTAINED IN A SAFE, SANITARY CONDITION.				
25	24.3	DISIN	DISINFECTANTS				
26 27			DISINFECTANTS SHALL BE ONLY THOSE REGISTERED BY THE MANUFACTURER WITH THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.				
28	24.4	STORAGE					
29 30		STORAGE AREAS, ATTICS, AND CELLARS SHALL BE KEPT SAFE AND FREE FROM ACCUMULATIONS OF EXTRANEOUS MATERIALS SUCH AS REFUSE, DISCARDED FURNITURE AND OLD NEWSPAPERS.					
31 32		A)	COMBUSTIBLES SUCH AS CLEANING RAGS AND COMPOUNDS SHALL BE KEPT IN CLOSED METAL CONTAINERS.				
33 34 35 36		В)	CLEANING COMPOUNDS AND OTHER HAZARDOUS SUBSTANCES (INCLUDING PRODUCTS LABELED "KEEP OUT OF REACH OF CHILDREN" ON THEIR ORIGINAL CONTAINERS) SHALL BE CLEARLY LABELED TO INDICATE CONTENTS AND (EXCEPT WHEN A STAFF MEMBER IS PRESENT) SHALL BE STORED IN A LOCATION SUFFICIENTLY SECURE TO DENY ACCESS TO CONFUSED RESIDENTS.				

2			,	HE FACILITY SHALL MAINTAIN A READILY AVAILABLE LIST AND THE MATERIAL SAFETY DATA HEET OF POTENTIALLY HAZARDOUS SUBSTANCES USED BY HOUSEKEEPING AND OTHER STAFF			
3 4			,	TILITY ROOMS USED FOR STORING DISINFECTANTS AND DETERGENT CONCENTRATES, AUSTIC BOWL AND TILE CLEANERS AND INSECTICIDES SHALL BE LOCKED.			
5 6		C)		WELS, TISSUES AND OTHER ABSORBENT PAPER GOODS SHALL BE STORED IN A MANNER THAT THEIR CONTAMINATION PRIOR TO USE.			
7	24.5	CLEA	NING METH	HODS			
8 9				E PERFORMED IN A MANNER TO MINIMIZE THE SPREAD OF PATHOGENIC ORGANISMS. FLOORS REGULARLY.			
10	24.6	FLOO	R SURFAC	ES			
11 12 13 14		CONTINUUM CONTIN	IUOUS, WASI PETED FLOO	ORS AND ADJACENT BASE COVING SHALL BE MAINTAINED TO PROVIDE A SMOOTH, HABLE SURFACE THAT IS FREE OF DISCOLORATION OR STAINING. POLISHES APPLIED TO RS SHALL PROVIDE A NONSLIP SURFACE. THROW OR SCATTER RUGS SHALL NOT BE USED LIP ENTRANCE MATS.			
15	24.7	TRAIN	ING AND S	UPERVISION			
16 17			HOUSEKEEPING PERSONNEL SHALL RECEIVE ADEQUATE SUPERVISION. INITIAL AND ANNUAL IN-SERVICE TRAINING PROGRAMS SHALL BE PROVIDED FOR HOUSEKEEPING PERSONNEL.				
18	SECT	ION 25	LINEN A	ND LAUNDRY			
19	25.1	LAUN	DRY SERV	CES			
20 21 22		WASHII	NG, DRYING,	L PROVIDE LAUNDRY SERVICES, AND/OR CONTRACT WITH A COMMERCIAL LAUNDRY, WITH AND IRONING EQUIPMENT OF SUFFICIENT CAPACITY TO PROCESS A CONTINUOUS SEVEN-DAY TEN POUNDS OF DRY LAUNDRY PER BED PER DAY.			
23 24		A)		EQUIPMENT SHALL MEET ALL SAFETY AND SANITARY REQUIREMENTS. THE EQUIPMENT SHALL ED AND INSTALLED TO COMPLY WITH ALL STATE AND LOCAL LAWS.			
25 26		B)		EQUIPMENT, PROCESSING, AND PROCEDURES SHALL RENDER SOILED LINEN AND PATIENT CLEAN AND FREE FROM DETERGENT, SOAP, AND OTHER CHEMICAL RESIDUES.			
27 28 29		C)	CONTRACT	Y SERVICES ARE NOT PROVIDED ENTIRELY WITHIN THE FACILITY, THERE SHALL BE A WRITTEN BETWEEN THE FACILITY AND A COMMERCIAL LAUNDRY SERVICE THAT ENSURES COMPLIANCE ION 25.1(B).			
30 31 32		D)		EXCEPTION OF LAUNDRY AMENITIES USED SOLELY FOR RESIDENT'S PERSONAL EFFECTS, EQUIPMENT AND OPERATIONS SHALL BE LOCATED IN AN AREA SEPARATED FROM RESIDENT S.			
33 34 35 36 37 38		E)	TRANSPORTO PROVID	ALL BE PROPER SPACING AND PLACING OF THE EQUIPMENT TO MINIMIZE MATERIAL STATION AND OPERATION; TO AVOID ALL CROSS TRAFFIC BETWEEN CLEAN AND SOILED LINEN; BE BALANCE OF OPERATIONS; AND TO PROVIDE STORAGE BETWEEN OPERATIONS. THE AIR MOVEMENT SHALL BE FROM THE CLEANEST AREAS TO THE MOST CONTAMINATED AREAS. UNDRY SHALL BE PROCESSED FREQUENTLY ENOUGH TO PREVENT EXCESSIVE UNSANITARY ATIONS.			

1	25.2	WASHING TEMPERATURE
2 3 4		THE WATER TEMPERATURE AND DURATION OF WASHING CYCLE SHALL BE CONSISTENT WITH THE TEMPERATURE AND DURATION RECOMMENDED BY THE MANUFACTURERS OF THE LAUNDRY CHEMICALS AND EQUIPMENT BEING USED.
5	25.3	RESIDENT LINEN SUPPLY
6 7 8		LINEN SUPPLY (TOP AND BOTTOM SHEETS, PILLOWCASES, WASHCLOTHS, BATH AND FACE TOWELS) SHALL BE AT LEAST THREE COMPLETE CHANGES TIMES THE NUMBER OF LICENSED BEDS. ALL LINENS SHALL BE MAINTAINED CLEAN, IN GOOD REPAIR.
9	25.4	SOILED LINEN HANDLING
10 11 12 13		IN REMOVING AND HANDLING SOILED LINEN FROM A BED, THERE SHALL BE MINIMAL SHAKING OF THE LINEN. SOILED LINEN, INCLUDING BLANKETS, SHALL BE PLACED IN BAGS TIGHTLY CLOSED BEFORE REMOVAL FROM A BEDROOM. THE BAGS SHALL REMAIN CLOSED AND SHALL BE REMOVED FROM THE RESIDENT CARE UNIT AT LEAST EVERY 8 HOURS.
14	25.6	INFECTIOUS DISEASE LINEN
15 16 17		ALL LINENS AND BLANKETS FROM RESIDENTS WITH INFECTIOUS DISEASE SHALL BE PLACED IN BIO-HAZARDOUS BAGS AND TRANSPORTED IN THESE CLOSED BAGS. MEASURES SHALL BE TAKEN TO ENSURE THE DISINFECTION OF CONTAMINATED LAUNDRY AND PROTECTION OF PERSONS DOING LAUNDRY.
18	25.7	SORTING AND PRE-RINSING
19 20 21		PRE-RINSING, SORTING AND ALL OTHER LINEN AND LAUNDRY OPERATIONS SHALL BE CONFINED TO THE LAUNDRY FACILITY AND SHALL NOT BE PERMITTED IN THE RESIDENT'S ROOM, BATHTUB, SHOWER, LAVATORY OR UTILITY CLOSETS.
22	25.8	LAUNDRY CHUTES
23 24 25		IF LAUNDRY CHUTES ARE USED, ALL SOILED LINEN, CLOTHING AND OTHER ITEMS DEPOSITED IN THEM SHALL FIRST BE ENCLOSED IN BAGS BEFORE PLACING THEN IN CHUTE. LAUNDRY CHUTES SHALL BE REGULARLY CLEANED.
26	25.9	SOILED LAUNDRY CARTS
27 28 29		CARTS AND HAMPERS USED TO TRANSPORT SOILED LAUNDRY SHALL BE COVERED AND CONSTRUCTED OF OR LINED WITH IMPERVIOUS MATERIALS, CLEANED AND DISINFECTED AFTER USE, AND USED ONLY FOR TRANSPORTING SOILED LAUNDRY.
30	25.10	SOILED LINEN STORAGE
31 32		THE FACILITY SHALL PROVIDE A SEPARATE SOILED LINEN STORAGE AND SORTING AREA, MECHANICALLY VENTILATED TO THE OUTSIDE ATMOSPHERE. NO RE-CIRCULATION OF AIR FROM THIS AREA IS PERMITTED.
33	25.11	RESIDENT CLOTHING
34 35		RESIDENT CLOTHING AND LAUNDRY SHALL BE PROCESSED AND STORED IN A MANNER SO THAT PERSONAL ITEMS ARE READILY IDENTIFIABLE.
36	25.12	CLEAN LINEN STORAGE

1 A CLEAN LINEN FOLDING/STORAGE ROOM SHALL BE PROVIDED AS PART OF THE LAUNDRY AREA, LOCATED 2 ADJACENT TO THE DRYING EQUIPMENT. POSITIVE PRESSURE SHALL BE MAINTAINED IN THIS AREA. 3 25.13 CLEAN LINEN HANDLING 4 CLEAN LINEN SHALL BE TRANSPORTED IN A MANNER THAT PRESERVES ITS CLEAN CONDITION SO THAT IT IS 5 CLEAN AT THE SITE OF ITS USE. 6 SECTION 26 INFECTION CONTROL 7 26.1 INFECTION CONTROL PROGRAM 8 THE FACILITY SHALL HAVE AN INFECTION CONTROL PROGRAM THAT PROVIDES ANNUAL IN-SERVICE TRAINING ON 9 INFECTION CONTROL AND SHALL HAVE CURRENT INFECTION CONTROL POLICIES AND PROCEDURES AVAILABLE TO 10 ALL STAFF MEMBERS. 11 26.2 **POLICIES** 12 THE FACILITY SHALL HAVE AND FOLLOW WRITTEN POLICIES, APPROVED BY THE GOVERNING BODY ADDRESSING 13 THE TRANSMISSION OF COMMUNICABLE DISEASES WITH A SIGNIFICANT RISK OF TRANSMISSION TO OTHER 14 PERSONS AND FOR REPORTING DISEASES TO THE STATE AND/OR LOCAL HEALTH DEPARTMENT, PURSUANT TO 6 15 CCR 1009-1. Rules and Regulations Pertaining to Epidemic and Communicable Disease Control. 16 26.3 THE FACILITY'S WRITTEN POLICIES AND PROCEDURES REGARDING INFECTION CONTROL SHALL BE CONSISTENT 17 WITH THE CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC): GUIDELINE FOR ISOLATION 18 PRECAUTIONS: PREVENTING TRANSMISSION OF INFECTIOUS AGENTS IN HEALTHCARE SETTINGS, 2007 AND 19 GUIDELINES FOR ENVIRONMENTAL INFECTION CONTROL IN HEALTH-CARE FACILITIES, 2003, WHICH ARE 20 INCORPORATED BY REFERENCE CONSISTENT WITH SECTION 1.3 OF THIS CHAPTER. 21 A) THOSE POLICIES AND PROCEDURES SHALL INCLUDE AT A MINIMUM, ALL OF THE FOLLOWING CRITERIA: 22 1) STAFF SHALL EXERCISE CAUTION WHEN HANDLING SHARP OBJECTS SUCH AS NEEDLES AROUND 23 RESIDENTS. NEEDLES SHALL NOT BE RECAPPED, BROKEN OFF OR DISPOSED OF IN OTHER THAN 24 PUNCTURE-PROOF CONTAINERS. 25 2) LINEN AND CLOTHING OF RESIDENTS WITH COMMUNICABLE INFECTIONS SHALL BE WASHED IN A 26 MANNER THAT ENSURES DISINFECTION. 27 3) STAFF SHALL WEAR DISPOSABLE GLOVES WHEN HANDLING ITEMS SOILED WITH BLOOD OR 28 BODY FLUIDS. 4) RESUSCITATION EQUIPMENT SHALL BE IMMEDIATELY AVAILABLE IN THE EVENT ITS USE 30 BECOMES NECESSARY. 31 5) WEARING DISPOSABLE GLOVES, STAFF SHALL IMMEDIATELY CLEAN UP SPILLS OF BLOOD OR BODILY FLUID FROM RESIDENTS WITH COMMUNICABLE INFECTIONS. STAFF SHALL THEN 33 DISINFECT THE CONTAMINATED AREA USING AN APPROPRIATE CONCENTRATION OF A DISINFECTANT CERTIFIED BY THE MANUFACTURER TO BE EFFECTIVE AS USED. 35 6) ALL DISPOSABLE EQUIPMENT CONTAINING INFECTIVE WASTE SHALL BE DISPOSED OF IN THE 36 ROOM WHERE IT IS USED IN STURDY PLASTIC BAGS AND THEN RE-BAGGED OUTSIDE THE ROOM. 37 IT SHALL EITHER BE AUTOCLAVED OR INCINERATED PRIOR TO DISPOSAL IN A SANITARY LANDFILL.

Page 113 of 123

1 2 3		7) FACILITY ACCESS OF NON-RESIDENT INDIVIDUALS WITH CONTAGIOUS CONDITIONS SHALL BE RESTRICTED UNTIL THOSE INDIVIDUALS ARE NO LONGER CONTAGIOUS, THE INFECTIOUS PERIOD HAS EXPIRED OR PERSONAL PROTECTIVE EQUIPMENT IS PROVIDED.
4	26.4	RESIDENT ISOLATION
5 6 7 8		FACILITIES SHALL PROVIDE FOR THE ISOLATION OF RESIDENTS WITH COMMUNICABLE DISEASES WHERE APPROPRIATE.—INDIVIDUAL RESIDENT FACTORS ARE IMPORTANT DETERMINANTS OF INFECTION TRANSMISSION RISKS AND THE NEED FOR A SINGLE ROOM AND/OR PRIVATE BATHROOM FOR ANY RESIDENT IS BEST DETERMINED ON A CASE-BY-CASE BASIS.
9	26.5	SANITATION OF NURSING AND RESIDENT CARE EQUIPMENT
10 11		NURSING AND RESIDENT CARE EQUIPMENT SHALL BE PROPERLY CLEANED, SANITIZED, DISINFECTED OR STERILIZED, AND STORED.
12 13 14 15	26.6	DISPOSABLE EQUIPMENT AND SUPPLIES. SINGLE SERVICE DISPOSABLE CARE EQUIPMENT SHALL BE USED ONLY ONCE AND SHALL BE DISPOSED OF IN AN APPROVED MANNER. REUSABLE DISPOSABLE CARE EQUIPMENT SHALL BE USED ONLY FOR THE RESIDENT TO WHOM ASSIGNED. DISPOSABLE STERILE EQUIPMENT SHALL BE CERTIFIED BY THE DISTRIBUTOR AS STERILE AND BE DESTROYED AFTER INITIAL USE.
16	26.7	HANDWASHING
17 18 19 20		PERSONNEL SHALL WASH THEIR HANDS BEFORE AND AFTER CONTACT WITH A RESIDENT, AFTER CONTACT WITH A CONTAMINATED OBJECT OR WASTE AND ADHERE TO THE CDC GUIDELINES FOR HAND HYGIENE IN HEALTH-CARE SETTINGS, 2002, WHICH IS INCORPORATED BY REFERENCE CONSISTENT WITH SECTION 1.3 OF THIS CHAPTER.
21	26.8	SANITATION OF AIR
22 23		DESIGN, INSTALLATION, AND OPERATION OF HEATING/COOLING/VENTILATION SYSTEM SHALL ENSURE ADEQUATE MICROBIAL CONTROL OF THE AIR.
24	26.9	PETS
25 26		THE FACILITY SHALL ENSURE THAT PET ANIMALS EITHER RESIDING AT OR VISITING THE FACILITY HAVE BEEN APPROPRIATELY VACCINATED AND LICENSED.
27	SECTIO	ON 27 PEST CONTROL
28 29	27.1	THE FACILITY SHALL HAVE WRITTEN POLICIES AND PROCEDURES THAT PROVIDE FOR EFFECTIVE CONTROL AND ERADICATION OF INSECTS, RODENTS AND OTHER PESTS.
30 31 32 33	27.2	THE FACILITY SHALL HAVE A PEST CONTROL PROGRAM PROVIDED BY MAINTENANCE PERSONNEL OR BY CONTRACT WITH A PEST CONTROL COMPANY USING THE LEAST TOXIC AND LEAST FLAMMABLE EFFECTIVE PESTICIDES. THE PESTICIDES SHALL NOT BE STORED IN PATIENT OR FOOD AREAS AND SHALL BE KEPT UNDER LOCK AND ONLY PROPERLY TRAINED RESPONSIBLE PERSONNEL SHALL BE ALLOWED TO APPLY THEM.
34 35 36	27.3	SCREENS OR OTHER PEST CONTROL MEASURES SHALL BE PROVIDED ON ALL EXTERIOR OPENINGS EXCEPT WHERE PROHIBITED BY FIRE REGULATIONS. FACILITY DOORS, DOOR SCREENS AND WINDOW SCREENS SHALL FIT WITH SUFFICIENT TIGHTNESS AT THEIR PERIMETERS TO EXCLUDE PESTS.
37	SECTIO	ON 28 WASTE DISPOSAL

38 28.1 SEWAGE AND SEWER SYSTEMS

2 3		IN A MA	WAGE SHALL BE DISCHARGED INTO A PUBLIC SEWER SYSTEM, OR IF SUCH IS NOT AVAILABLE, DISPOSED OF INNER APPROVED BY THE STATE AND LOCAL HEALTH AUTHORITIES AND THE COLORADO WATER QUALITY ROL COMMISSION.
4 5		A)	WHEN PRIVATE SEWAGE DISPOSAL SYSTEMS ARE IN USE, RECORDS OF MAINTENANCE AND THE SYSTEM DESIGN PLANS SHALL BE KEPT ON THE PREMISES.
6 7 8		B)	NO UNPROTECTED EXPOSED SEWER LINE SHALL BE LOCATED DIRECTLY ABOVE WORKING, STORAGE OR EATING SURFACES IN KITCHENS, DINING ROOMS, PANTRIES, FOOD STORAGE ROOMS, OR WHERE MEDICAL OR NURSING SUPPLIES ARE PREPARED, PROCESSED OR STORED.
9	28.2	MEDIC	CAL WASTE
10 11			AL WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S REGULATIONS PERTAINING LID WASTE DISPOSAL SITES AND FACILITIES AT 6 CCR 1007-2, PART 1, SECTION 13, MEDICAL WASTE.
12	28.3	REFU	SE
13 14 15		CONTA	RBAGE AND RUBBISH THAT IS NOT DISPOSED OF AS SEWAGE SHALL BE COLLECTED IN IMPERVIOUS INCERS IN SUCH MANNER AS NOT TO BECOME A NUISANCE OR A HEALTH HAZARD AND SHALL BE REMOVED OUTSIDE APPROVED STORAGE AREA AT LEAST ONCE A DAY.
16		A)	THE REFUSE STORAGE AREA SHALL BE KEPT CLEAN, AND FREE FROM NUISANCE.
17 18		B)	A SUFFICIENT NUMBER OF IMPERVIOUS CONTAINERS WITH TIGHT FITTING LIDS SHALL BE PROVIDED AND KEPT CLEAN AND IN GOOD REPAIR.
19 20		C)	CARTS USED TO TRANSPORT REFUSE SHALL BE CONSTRUCTED OF IMPERVIOUS MATERIALS, ENCLOSED, USED SOLELY FOR REFUSE AND MAINTAINED IN A SANITARY MANNER.
21	28.4	INCIN	ERATORS
22 23			ACILITY USING AN INCINERATOR SHALL OBTAIN A PERMIT TO OPERATE AN INCINERATOR FROM THE STATE OLLUTION CONTROL DIVISION AND MAINTAIN THE PERMIT ON FILE.
24		A)	THE FACILITY SHALL COMPLY WITH FEDERAL, STATE AND LOCAL AIR POLLUTION REGULATIONS.
25 26		B)	THE INCINERATOR SHALL BE CONSTRUCTED IN A MANNER THAT PREVENTS INSECT AND RODENT BREEDING AND HARBORAGE.
27	SECTI	ON 29	RELIGIOUS TREATMENT EXCLUSIONS
28	29.1	EXCE	PTION OF CERTAIN FACILITIES
29 30 31 32 33		ADHER PROVID MEANS	HAPTER OF REGULATION DOES NOT APPLY TO ANY NURSING FACILITY CONDUCTED BY OR FOR THE ENTS OF ANY WELL-RECOGNIZED CHURCH OR RELIGIOUS DENOMINATION FOR THE PURPOSE OF DING FACILITIES FOR THE CARE AND TREATMENT OF THE SICK WHO DEPEND EXCLUSIVELY UPON SPIRITUAL THROUGH PRAYER FOR HEALING IN THE PRACTICE OF THE RELIGION OF SUCH CHURCH OR INNATION.
34	29.2	EXCE	PTION FOR RELIGIOUS BELIEFS
35 36			NG IN THIS CHAPTER AUTHORIZES THE DEPARTMENT TO IMPOSE ON A RESIDENT ANY MODE OF TREATMENT SISTENT WITH THE RESIDENT'S RELIGIOUS BELIEF.

SECTION 30 MEDICAID CERTIFICATION STANDARDS

30.1 FOR THE PURPOSE OF FULFILLING ITS FACILITY CERTIFICATION RESPONSIBILITIES AS THE STATE SURVEY
AGENCY PURSUANT TO SECTION 25-1.5-103(1)(A)(I)(C), C.R.S.; TITLE XIX (MEDICAID) OF THE SOCIAL
SECURITY ACT (42 U.S.C. SECTION 1396(A), ET SEQ.); AND THE COLORADO MEDICAL ASSISTANCE ACT,
SECTION 25.5-4-101, ET SEQ., C.R.S.; THE DEPARTMENT SHALL APPLY AND ENFORCE THE SKILLED NURSING
FACILITY CERTIFICATION STANDARDS OF THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES LOCATED IN
TITLE 42 OF THE U.S. CODE OF FEDERAL REGULATIONS.

SECTION 31 ENFORCEMENT ACTIVITIES

1

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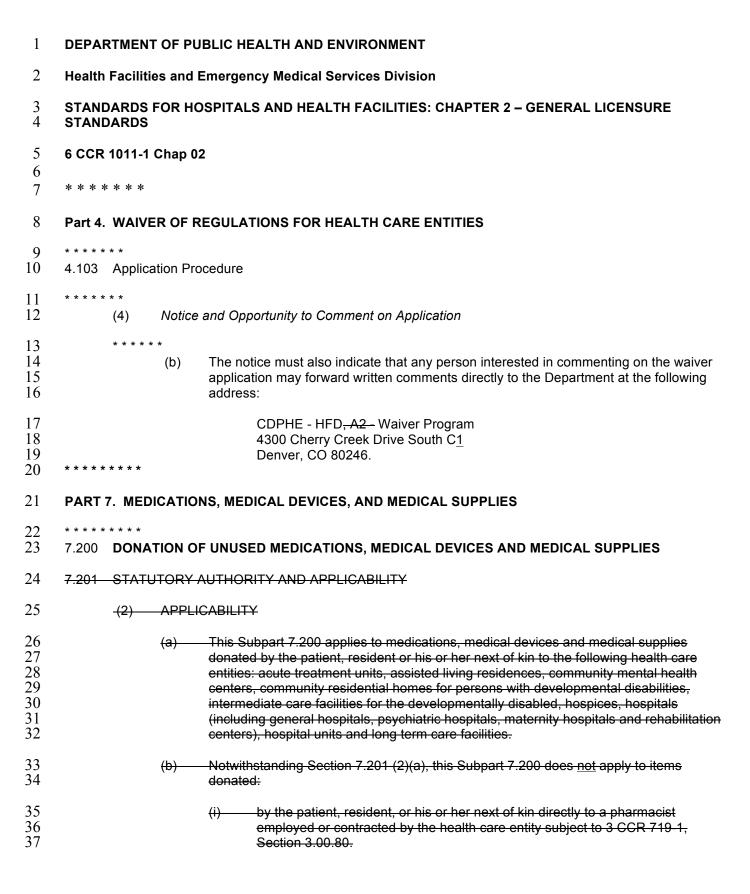
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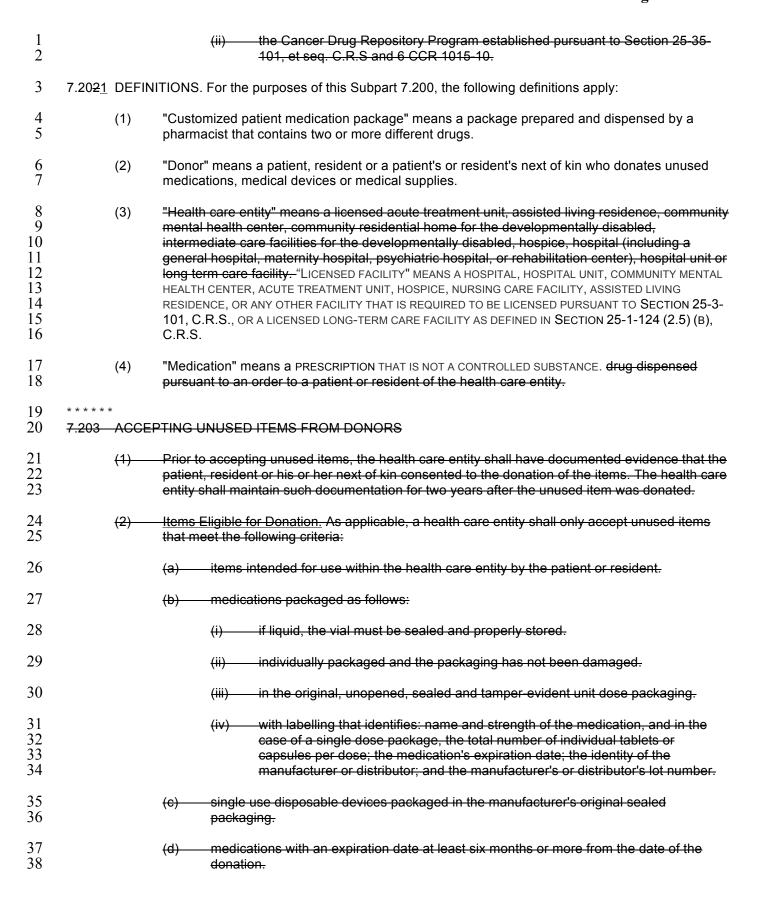
- 9 FOR NURSING CARE FACILITIES CERTIFIED TO PROVIDE MEDICAID SERVICES: 10 31.1 THE DEPARTMENT, AS THE STATE AGENCY RESPONSIBLE FOR CERTIFYING NURSING CARE FACILITIES, IS 11 AUTHORIZED UNDER SECTIONS 25-1-107.5 AND 25.5-6-205, C.R.S. TO RECOMMEND TO THE DEPARTMENT OF 12 HEALTH CARE POLICY AND FINANCING (HCPF) THAT REMEDIES BE IMPOSED AGAINST A NURSING CARE FACILITY 13 THAT VIOLATES THE FEDERAL REGULATIONS FOR PARTICIPATION IN THE MEDICAID PROGRAM AS ENUMERATED IN 14 42 USC §1396r(H). THE REMEDIES RECOMMENDED SHALL INCLUDE ANY REMEDIES REQUIRED UNDER FEDERAL 15 LAW AND THE IMPOSITION OF CIVIL MONEY PENALTIES. ASSESSMENT, ENFORCEMENT AND COLLECTION OF ANY 16 CIVIL MONEY PENALTY RECOMMENDED UNDER THIS SECTION AND THE DENIAL OF MEDICAID PAYMENTS SHALL BE 17 HCPF'S RESPONSIBILITY. 18 31.2 IN DETERMINING WHETHER TO RECOMMEND IMPOSITION OF A CIVIL MONEY PENALTY, THE DEPARTMENT MAY 19 CONSIDER MITIGATING FACTORS SUCH AS CHANGE OF OWNERSHIP; CIRCUMSTANCES OUTSIDE THE FACILITY'S 20 REASONABLE CONTROL; AND REASONABLE, GOOD FAITH EFFORTS TO RESOLVE THE VIOLATION(S). 21 31.3 IN DETERMINING THE AMOUNT OF THE PENALTY TO RECOMMEND FOR ASSESSMENT BY HCPF, THE DEPARTMENT 22 SHALL CONSIDER, AT A MINIMUM, THE FOLLOWING ITEMS: 23 A) THE PERIOD OF TIME OVER WHICH THE VIOLATION OCCURRED; 24 B) THE FREQUENCY OF THE VIOLATION; 25 C) THE NURSING CARE FACILITY'S HISTORY CONCERNING THE TYPE OF VIOLATION FOR WHICH THE 26 PENALTY IS ASSESSED; 27 D) THE NURSING CARE FACILITY'S INTENT OR REASON FOR THE VIOLATION: 28 E) THE EFFECT, IF ANY, OF THE VIOLATION ON RESIDENTS' HEALTH, SAFETY, SECURITY OR WELFARE (I.E., 29 SEVERITY); 30 F) THE EXISTENCE OF OTHER VIOLATIONS, IN COMBINATION WITH THE VIOLATION FOR WHICH THE PENALTY 31 IS ASSESSED, WHICH INCREASE THE THREAT TO RESIDENTS' HEALTH, SAFETY, SECURITY OR WELFARE; 32 G) THE ACCURACY, THOROUGHNESS AND AVAILABILITY OF RECORDS REGARDING THE VIOLATION WHICH 33 THE NURSING CARE FACILITY IS REQUIRED TO MAINTAIN; AND 34 H) THE NUMBER OF ADDITIONAL RELATED VIOLATIONS OCCURRING WITHIN THE SAME TIME SPAN AS THE
- 31.4 IN THE EVENT THE DEPARTMENT DETERMINES THAT A VIOLATION IS LIFE THREATENING TO ONE OR MORE
 RESIDENTS OR CREATES A DIRECT THREAT OR SERIOUS ADVERSE HARM TO THE HEALTH, SAFETY, SECURITY,
 RIGHTS OR WELFARE OF ONE OR MORE RESIDENTS, HCPF SHALL IMPOSE A PENALTY FOR EACH DAY THE
 DEFICIENCIES THAT CONSTITUTE THE VIOLATION ARE FOUND TO EXIST.

VIOLATION IN QUESTION.

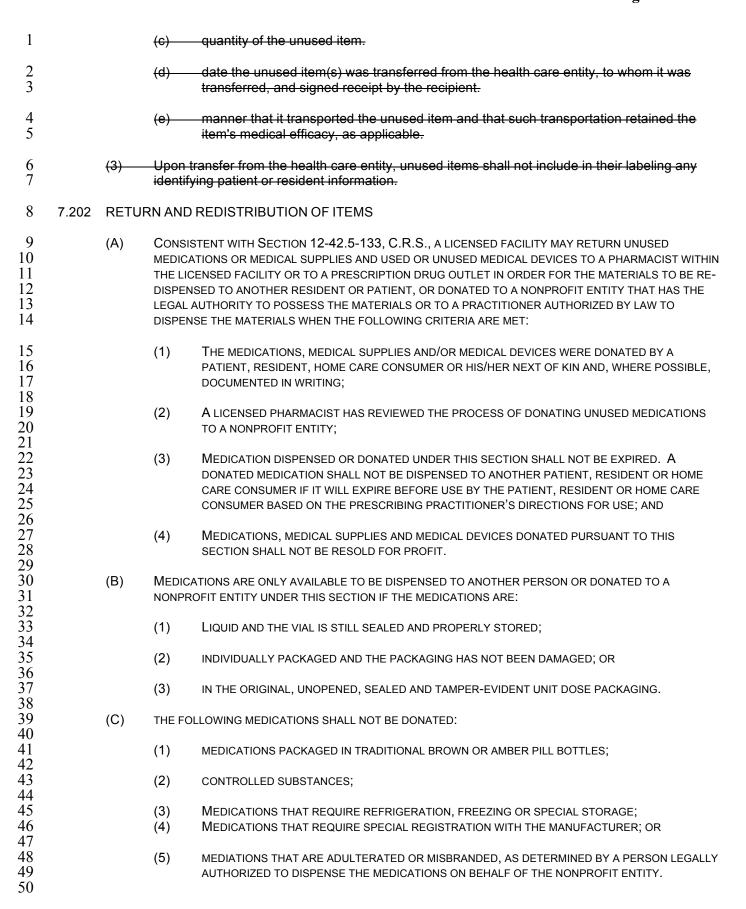
Page 116 of 123

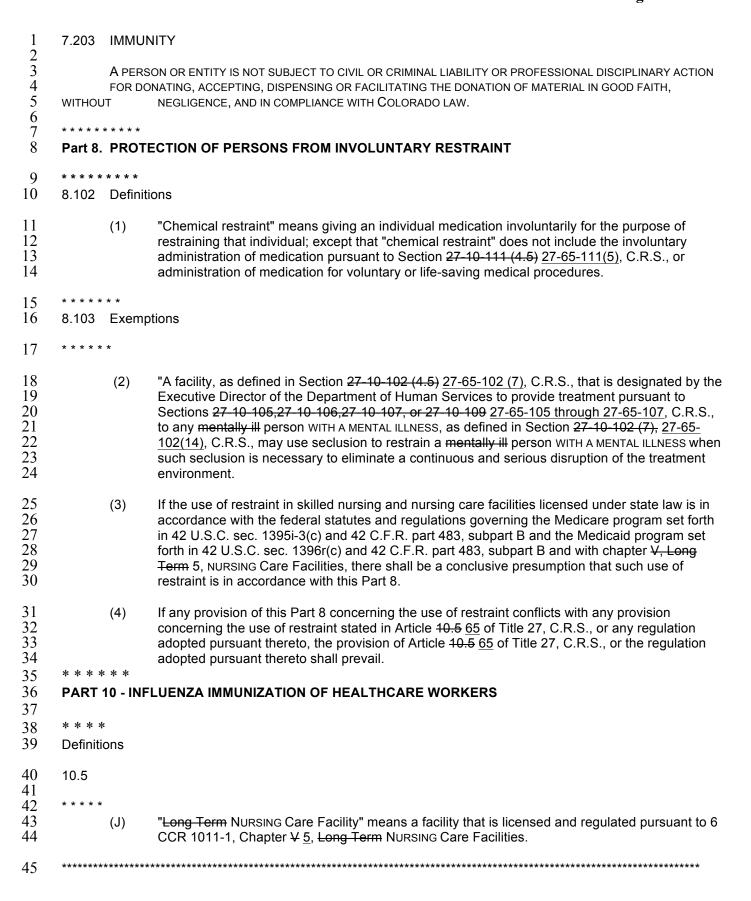
31.5	In accordance with Section 25-1-107.5(3), C.R.S., any civil money penalty recommended by the Department shall be not less than \$100 or more than \$10,000 for each day the facility is found to have been in violation of the federal regulations. Penalties assessed shall include interest at the statutory rate.
31.6	IF THE DEPARTMENT RECOMMENDS IMPOSITION OF A CIVIL MONEY PENALTY, IT SHALL NOTIFY THE NURSING CARE FACILITY NO LATER THAN FIVE DAYS AFTER THE LAST DAY OF THE INSPECTION OR SURVEY DURING WHICH THE DEFICIENCIES THAT CONSTITUTE THE VIOLATION WERE FOUND. SUCH NOTICE SHALL COMPLY WITH SECTION 25-1-107.5(3)(C)(II),C.R.S.
31.7	WRITTEN PLANS OF CORRECTION SHALL COMPLY WITH 6 CCR 1011-1, CHAPTER 2, PART 2.11.4(B).
31.8	Nothing in this section precludes the Department from imposing any other remedies allowed by state law including, but not limited to, those described in 6 CCR 1011-1, Chapter 2, Part 2.11 and 2.12.
For Lic	CENSED, NON-CERTIFIED NURSING CARE FACILITIES:
31.9	THE DEPARTMENT MAY IMPOSE ANY ENFORCEMENT REMEDY AUTHORIZED BY STATE LAW OR REGULATION.
31.10	ENFORCEMENT ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH 6 CCR 1011-1, CHAPTER 2.
SECTION	ON 32 LICENSING FEES
32.1	ALL LICENSE FEES ARE NON-REFUNDABLE. THE TOTAL FEE SHALL BE SUBMITTED WITH THE APPROPRIATE LICENSE APPLICATION.
32.2	Initial License - \$6,000 per facility.
32.3	RENEWAL LICENSE - THE ANNUAL RENEWAL FEE SHALL BE AS FOLLOWS.
	MEDICARE AND/OR MEDICAID CERTIFIED FACILITY: \$1,600 BASE FEE PLUS \$8 PER BED.
	Non-certified facility: \$3,480 base fee plus \$8 per bed.
32.4	Change of ownership - Change of ownership shall be determined in accordance with the criteria set forth in 6 CCR 1011-1, Chapter 2, Part 2. The fee shall be \$6,000 per facility.
32.5	OPENING A SECURE UNIT - A FACILITY THAT WISHES TO OPEN A SECURE UNIT SHALL SUBMIT A FEE OF \$1,600 IN ADDITION TO ANY OTHER APPLICABLE LICENSE FEES.
	31.6 31.7 31.8 FOR LIG 31.9 31.10 SECTIO 32.1 32.2 32.3





1	(3)	Items Not Eligible for Donation. A health care entity shall not accept medications that:
2		(a) were dispensed in a traditional brown or amber pill bottles.
3		(b) are controlled substances.
4		(c) require refrigeration, freezing, or special storage.
5		(d) require special registration with the manufacturer.
6		(e) are adulterated or misbranded, as determined by the health care entity.
7		(f) are dispensed in a customized patient medication package.
8		(g) are compounded drugs.
9		(h) are packaged by a pharmacist as split tablets or capsules.
10 11	(4)	Policies and Procedures. Health care entities that accept unused items shall develop and implement policies and procedures regarding:
12		(a) Storage. Unused items shall be stored:
13 14 15		(i) in a manner that retains the items' medical efficacy as provided for by storage protocols approved by a licensed pharmacist. Such protocols shall be reviewed and approved by a licensed pharmacist at least every three years.
16		(ii) separately from non-donated unused items.
17		(b) Inventory control. The health care entity shall:
18 19 20		(i) develop processes for the prevention and detection of diversion of donated unused items that may be illegally sold. When diversion is detected, prompt appropriate corrective measures shall be implemented.
21 22		(ii) adequately dispose of unused donated items not transferred to a pharmacist or a relief agency.
23 24		(c) Transporting unused items. If the health care entity is responsible for transporting unused items, it shall do so in a manner that retains the item's medical efficacy.
25	7.204 TRANS	SFERRING UNUSED ITEMS FROM THE HEALTH CARE ENTITY
26 27 28	1)	A health care entity may transfer unused items to pharmacists or nonprofit relief entities as authorized by Section 12-22-133 (2), C.R.S.
29 30	(2)	The health care entity shall maintain a record, to be retained for two years after the unused item was transferred from the health care entity, of the:
31 32		(a) name of the donor and the date the unused item was donated to the health care entity, as applicable.
33		(b) name or a brief description of the unused item.







Notice of Public Rule-Making Hearing Scheduled for March 16, 2016

NOTICE is hereby given pursuant to the provisions of Section 24-4-103, C.R.S., that the Colorado Board of Health will conduct a public rule-making hearing on March 16, 2016 at 10 a.m. in the Sabin-Cleere Conference Room of the Colorado Department of Public Health and Environment, Bldg. A, First Floor, 4300 Cherry Creek Drive, South, Denver, CO 80246, to consider the promulgation of amendments to 6 CCR 1011-1, Chapter 5 Long Term Care Facilities and Chapter 2, General Licensure Standards. The proposed amendments have been developed by the Health Facilities and Emergency Medical Services Division of the Colorado Department of Public Health and Environment pursuant to Section 25-1.5-103, C.R.S. (2015); Section 25-1-107.5, C.R.S. (2015); Section 25-1-120, C.R.S. (2015); Section 25-3-101, et seq., C.R.S. (2015); and Section 18-6.5-108(1)(b)(V), C.R.S. (2015). Chapter 5 is being renamed to correspond with state statute and the entire chapter has been rewritten to reflect current practice standards, eliminate duplicative and obsolete sections and better align with federal requirements.

The agenda for the meeting and the proposed amendments will also be available on the Board's website, https://www.colorado.gov/pacific/cdphe/boh at least seven (7) days prior to the meeting. The proposed rules, together with the proposed statement of basis and purpose, specific statutory authority and regulatory analysis will be available for inspection at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 at least five working days prior to the hearing. Copies of the proposed rules may be obtained by contacting the Colorado Department of Public Health and Environment, Health Facilities and Emergency Medical Services Division, HFEMSD-C1, 4300 Cherry Creek Drive S., Denver, CO 80246, (303) 692-2800.

The Board encourages all interested persons to participate in the hearing by providing written data, views, or comments, or by making oral comments at the hearing. At the discretion of the Chair, oral testimony at the hearing may be limited to three minutes or less depending on the number of persons wishing to comment. Pursuant to 6 CCR 1014-8, §3.02.1, written testimony must be submitted no later than five (5) calendar days prior to the rulemaking hearing. Written testimony is due by 5:00 p.m., Thursday, March 10, 2016. Persons wishing to submit written comments should submit them to: Colorado Board of Health, ATTN: Jamie L. Thornton, Program Assistant, Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 or by e-mail at: cdphe.bohrequests@state.co.us

Dated this 21 day of Canany, 2016.

Deborah Nelson

Board of Health Administrator

Notice of Proposed Rulemaking

Tracking number

2016-00073

Department

1000 - Department of Public Health and Environment

Agency

1011 - Health Facilities and Emergency Medical Services Division (1011, 1015 Series)

CCR number

6 CCR 1011-1 Chap 05

Rule title

CHAPTER 05 - LONG TERM CARE FACILITIES

Rulemaking Hearing

Date Time

03/16/2016 10:00 AM

Location

Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246

Subjects and issues involved

To consider the promulgation of amendments to 6 CCR 1011-1, Chapter 5, Long Term Care Facilities and Chapter 2, General Licensure Standards. Chapter 5 is being renamed to correspond with state statute and the entire chapter has been rewritten to reflect current practice standards, eliminate duplicative and obsolete sections and better align with federal requirements.

Statutory authority

Section 25-1.5-103, C.R.S. (2015); Section 25-1-107.5, C.R.S. (2015); Section 25-1-120, C.R.S. (2015);

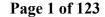
Contact information

Name Title

Laurie Schoder Policy Analyst

Telephone Email

303-692-2832 laurie.schoder@state.co.us





Dedicated to protecting and improving the health and environment of the people of Colorado

To: Members of the State Board of Health

From: Laurie Schoder, Policy Analyst, Health Facilities and Emergency Medical Services

Division

Through: D. Randy Kuykendall, MLS; Director \mathcal{DRK}

Date: January 20, 2016

Subject: Proposed Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities,

Chapter 5, Long Term Care Facilities and Conforming and Technical Amendments to Chapter 2, General Licensure, with a Request for the Rulemaking Hearing to occur on

March 16, 2016.

In 2014, the Division conducted a regulatory review of Chapter 5 and determined that many of those rules were outdated, confusing and/or inconsistent with state or federal law. Therefore, the Division pledged to initiate a community stakeholder process to thoroughly review the entire rule.

The Division has been meeting with stakeholders every month for over a year to revise the Chapter 5 regulations. All stakeholder meetings were open to the public and routinely included the state long-term care ombudsman, a nursing care facility resident, members of the Colorado Medical Directors Association and other licensed medical professionals, owners and administrators of licensed nursing care facilities, and representatives of the Colorado Health Care Association, Leading Age Colorado, the Legal Center and the Colorado Hospital Association.

Due to the extensive nature of the revisions, the Division proposal is that the current chapter be stricken in its entirety and replaced with a new version that has also been reorganized and renumbered. The Division also proposes changing the title of Chapter 5 from Long Term Care Facilities to Nursing Care Facilities to align with the Department's statutory authority.

One proposed revision to the pharmacy section of Chapter 5, along with conforming changes to Chapter 2, is being made to align with statutory changes brought about by House Bill 15-1039 which addressed the donation of prescription medications by licensed health care facilities. In addition, language throughout the entire chapter has been revised to reflect technological advances; make it more person-centered; and reflect that a nursing care facility is not merely a health care institution but also a resident's home.

STATEMENT OF BASIS AND PURPOSE AND SPECIFIC STATUTORY AUTHORITY

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 5, Long Term Care Facilities and Conforming and Technical Amendments to Chapter 2, General Licensure January 20, 2016

Basis and Purpose:

In 2014, pursuant to Section 24-4-103.3, C.R.S., the Division conducted a regulatory review of Chapter 5 and determined that many of those standards were outdated, confusing and/or inconsistent with state statute. Since then the Division has conducted monthly meetings with stakeholders to completely overhaul the regulations regarding nursing care facilities. Due to the extensive nature of the revisions, the Division is proposing that the current regulation set be stricken in its entirety and replaced with a new version that has also been renamed, reorganized and renumbered.

The major highlights of the changes include adding language to require at-risk elder abuse reporting; revising the medical services section to allow for expanded use of non-physician practitioners consistent with federal and state law; updating therapist and other staff qualifications to align with state law and/or reflect current professional standards; updating the subsection on disposition of medication to align with changes made by House Bill 15-1039; requiring a security officer or other designated staff person to oversee health information security; and requiring a facility to petition the court for appointment of a guardian for any resident placed in secure unit if that resident lacks decisional capacity and has no designated representative.

The following is a brief summary of the changes to Chapter 5 by section:

- Section 1 Updated to include reference to medical waste disposal regulations.
- **Section 2** Several new definitions added.
- Section 3 Clarification of governing body role and reworded quality assurance subsection.
- Section 4 Reworded for clarity and addition of language regarding at-risk elder abuse reporting.
- **Section 5** Primarily reworded.
- **Section 6** Primarily reworded.
- **Section 7** Reorganized and time frames revised to align with federal requirements. Individual responsible for nursing care planning changed to registered nurse to align with federal requirement.
- **Section 8** Revised to allow for expanded use of non-physician practitioners consistent with federal and state law; added requirement that medical director personally visit facility at least every three months; added requirements regarding the contents of practitioner's notes and time frame for inclusion in health information record; expanded medical director's responsibilities to be consistent with remainder of rule and allowed for practitioner use of telehealth within certain parameters.
- **Section 9** Reworded and clarified the subsection on restraints to align with statute. Reworded and clarified the subsections on medication administration and safety devices.
- **Section 10** Time for social services staff to review and update assessment and care plan shortened to guarterly. Updated and clarified staff qualifications.
- **Section 11** Primarily reworded.
- **Section 12** Added requirements that each resident must be informed about the consequences of undiagnosed oral health issues and about the availability of public benefits for dental services.
- **Section 13** Revised to reflect proposed federal language regarding meal times; expanded qualifications for individual overseeing dietary services; updated menu reference requirements;

clarified requirements for refrigerator safety and feeding of residents in isolation; and deleted subsection on milk because that is covered in the retail food regulations with which facilities are also required to comply.

Section 14 - Reorganized and reworded to eliminate duplicative and obsolete subsections and better align with federal requirements.

Section 15 - Reworded for clarity and to better align with state law.

Section 16 - Revised to require that facilities complete a risk assessment for emergencies using an all hazards approach. Addition of items to be addressed in facility policies and procedures regarding various emergencies and addition of items to be addressed in facility disaster plans.

Section 17 - Revised language to reflect current technology; reworded section on health information staff responsibilities; added requirement for security officer or other designated staff person to oversee health information security and updated staff qualifications to reflect current professional standards.

Section 18 - Updated therapist qualifications to align with state law and consolidated sections to eliminate duplication.

Section 19 - Reworded duties of consulting pharmacist to better align with federal law; added subsection on the use of investigational medications and updated subsection on disposition of medication to align with state law.

Section 20 - Current time frame for inclusion of diagnostic reports in health information record shortened from thirty days to two days and requirement relocated to Section 17.1(A).

Section 21 - The only change is correction of the hyperlink.

Section 22 - Removal of footnotes and obsolete language along with clarification of resident communication system requirements.

Section 23 - Reorganized and reworded for clarity; updated statutory references and added requirement that if resident lacks decisional capacity and has no representative, facility must petition court for appointment of guardian within 30 days of resident's placement in secure unit.

Section 24 - Primarily reworded.

Section 25 - Reworded and reorganized.

Section 26 - Reworded, reorganized and references updated to include various CDC guidelines.

Section 27 - Primarily reworded.

Section 28 - Updated reference for disposal of medical waste.

Section 29 - Substantially unchanged.

Section 30 - Statutory reference added and slightly reworded.

Section 31 - Reorganized and reworded for clarity and to better align with state law.

Section 32 - No change.

The proposed changes to Chapter 2 update the address for submitting a waiver application and the donation of prescription medications by licensed health care facilities as authorized by House Bill 15-1039. These changes ensure alignment with Chapter 5, Sections 4.6 and 19.8 respectively. In addition, Chapter 2, Sections 8.103 and 10.5 references to Chapter 5 were updated to reflect the proposed Chapter 5 title. The statutory references and terminology in Chapter 2, Section 8.102 and 8.103 were also updated for overall alignment with Chapter 5.

These rules are promulgated pursuant to the following statutes:

Section 25-1.5-103, C.R.S. (2015)

Section 25-1-107.5, C.R.S. (2015)

Section 25-1-120, C.R.S. (2015)

Section 25-3-101, et seq., C.R.S. (2015)

Section 18-6.5-108(1)(b)(V), C.R.S. (2015)

SUPPLEMENTAL QUESTIONS

Is this rulemaking due to a change in state statute?
X Yes, partially. Revisions to Chapter 5, Section 19 with conforming changes to Chapter 2 were necessitated by House Bill 15-1039.No
Is this rulemaking due to a federal statutory or regulatory change?
Yes No
Does this rule incorporate materials by reference?
Does this rule create or modify fines or fees
Yes No

REGULATORY ANALYSIS

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 5, Long Term Care Facilities and Conforming and Technical Amendments to Chapter 2, General Licensure January 20, 2016

1. A description of the classes of persons who will be affected by the proposed rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the proposed rule.

The proposed rule changes will affect many classes of persons. They will affect the owners, operators, staff and residents of nursing care facilities as well as other licensed professionals that serve the residents of nursing care facilities. The costs of the proposed rule will be borne primarily by the licensees and the Department. The affected nursing care facilities, their residents and the public will all benefit from amending this regulation to reflect current industry standards, align with state and federal law and clarify Department expectations.

2. To the extent practicable, a description of the probable quantitative and qualitative impact of the proposed rule, economic or otherwise, upon affected classes of persons.

The short-term quantitative impact of the proposed revisions will be most apparent in the time required by facility owners and staff to familiarize themselves with the revised standards and the reorganization of the entire regulation set. The expectation is that this will be offset by the anticipated long-term quantitative impact of greater staff efficiency due to the changes allowing greater use of non physician practitioners, telehealth and other electronic methods for care delivery.

The major qualitative impacts of the revisions for residents will be achieved through the use of more person centered language and higher standards of care in certain areas such as dental services, medical record entries, resident rights, and admission into a secured unit.

3. The probable costs to the agency and to any other agency of the implementation and enforcement of the proposed rule and any anticipated effect on state revenues.

The Department will incur some costs primarily associated with administrative tasks such as rewriting the feeding assistant program protocols to align with the revised regulations and revising the software program that allows for electronic entry of survey and plan of correction data. The Department does not anticipate that these amendments will result in any costs to other agencies.

4. A comparison of the probable costs and benefits of the proposed rule to the probable costs and benefits of inaction.

The probable costs and benefits of the proposed amendments far outweigh the probable costs and benefits of inaction since inaction would result in continued conflict between the regulations and various state and federal laws, along with the continuation of many now antiquated requirements and obsolete language. The proposed amendments will benefit the

industry and public alike because everyone will have a better understanding of the nursing care facility licensing requirements.

5. A determination of whether there are less costly methods or less intrusive methods for achieving the purpose of the proposed rule.

The Department has determined that there are no less costly or intrusive methods for achieving the purposed of the revised rule. Neither Departmental policies nor guidance would have accomplished the goal of updating the regulations to reflect current industry standards, align with state and federal law and eliminate obsolete requirements.

6. Alternative rules or alternatives to rulemaking considered and why rejected.

Initially the Department considered revising only one section of the regulation chapter, but it became evident after consultation with stakeholders that the entire chapter needed to be rewritten. Although the complete rewrite required a larger time commitment from both stakeholders and Department personnel, it was determined to be the preferable method to avoid any unintended consequences that might result from a patchwork approach.

7. To the extent practicable, a quantification of the data used in the analysis; the analysis must take into account both short-term and long-term consequences.

The Department analyzed the type and number of health care entities affected by these amendments, as well as the number of resident beds involved. There are approximately 219 currently licensed nursing care facilities with a total of 20,316 beds. The majority of facilities are dually certified to serve both Medicare and Medicaid residents, so they are also subject to federal standards. Five facilities, however, serve only private pay residents. Therefore the proposed amendments had to be drafted so that they would apply to all types of nursing care facilities regardless of payment source.

In the short-term, both Department and facility personnel will need to spend extra time familiarizing themselves with the changes. However, in the long term, regulations that reflect current industry standards, align with state and federal law and are easier to navigate will benefit everyone that interacts with a nursing care facility from staff to residents and their family members.

STAKEHOLDER COMMENTS

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 5, Long Term Care Facilities with conforming amendments to Chapter 2, General Licensure

The following individuals and/or entities were included in the development of these proposed rules:

Anne Meier, Colorado Long-Term Care Ombudsman; Shannon Gimbel, Denver Regional Council of Governments; Vinni Ferrara, Older Americans Program Assistant for Disability Law Colorado; a nursing care facility resident; Gregory Gahm, M.D., Leslie Eber, M.D., and other members of the Colorado Medical Directors Association; Joshua Zucker, N.P., Alan Miller, R.Ph., Candace Johnson, R.D., and other licensed medical professionals; various owners, administrators, staff and consultants of licensed nursing care facilities; Ann Kokish, Arlene Miles and Doug Farmer for the Colorado Health Care Association; Janice Brenner for Leading Age Colorado; Gail Finley and Joshua Ewing for the Colorado Hospital Association; Dr. Katya Mauritson, Oral Health Unit Manager, Prevention Services Division; Dan Goetz, Hazardous Waste Compliance Assurance Officer, Hazardous Materials and Waste Management Division; and various representatives of the Colorado Department of Health Care Policy and Financing.

The following individuals and/or entities were notified that this rule-making was proposed for consideration by the Board of Health:

The individuals and entities listed above along with all licensed health care entities and subscribers to the Health Facilities and Emergency Medical Services information blog.

Summarize Major Factual and Policy Issues Encountered and the Stakeholder Feedback Received. If there is a lack of consensus regarding the proposed rule, please also identify the Department's efforts to address stakeholder feedback or why the Department was unable to accommodate the request.

The stakeholder group and Division representatives tackled many factual and policy issues and were able to come to consensus on all. Examples include expanding the role of non-practitioners to align with the Colorado Nurse Practice Act but not violate certain federal requirements for facilities providing Medicare services, allowing for the use of telehealth in certain circumstances, shortening the time frame for practitioner visit details to be entered into the health information record, and requiring facilities to inform residents about public dental benefits and to provide assistance in accessing such benefits and services. At the final stakeholder meeting, the Ombudsman voiced concerns that the resident grievance process, which conforms to Colorado law, might be in conflict with federal law. The Department has referred this issue to its legal counsel and expects to have the issue resolved by the rule-making hearing.

Please identify health equity and environmental justice (HEEJ) impacts. Does this proposal impact Coloradoans equally or equitably? Does this proposal provide an opportunity to advance HEEJ? Are there other factors that influenced these rules?

The Division believes that the proposed rule amendments will advance HEEJ in a number of ways. Because physicians in Colorado's rural and frontier areas are often in short supply, nursing care facilities in those communities will benefit from the amendments that allow for expanded use of non-physician practitioners and telehealth. Low income residents will have enhanced access to dental care because of a new requirement that nursing care facilities provide information about the

availability of publicly funded dental services and assist residents in accessing such services. Additionally, the resident rights section contains new requirements for facilities to make accommodation residents with limited English proficiency or sensory impairments that inhibit daily communications.

1 DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT 2 Health Facilities and Emergency Medical Services Division 3 STANDARDS FOR HOSPITALS AND HEALTH FACILITIES: CHAPTER V - LONG TERM CARE FACILITIES 4 6 CCR 1011-1 Chap 05 5 6 Copies of these regulations may be obtained at cost by contacting: 7 **Division Director** 8 Colorado Department of Public Health and Environment 9 **Health Facilities Division** 10 4300 Cherry Creek Drive South 11 Denver, Colorado 80222-1530 12 Main switchboard: (303) 692-2800 13 These chapters of regulation incorporate by reference (as indicated within) material originally published 14 elsewhere. Such incorporation, however, excludes later amendments to or editions of the referenced material. 15 Pursuant to 24 4 103 (12.5), C.R.S., the Health Facilities Division of the Colorado Department of Public Health 16 And Environment maintains copies of the incorporated texts in their entirety which shall be available for public 17 inspection during regular business hours at: 18 **Division Director** 19 Colorado Department of Public Health and Environment 20 **Health Facilities Division** 21 4300 Cherry Creek Drive South 22 Denver, Colorado 80222-1530 23 Main switchboard: (303) 692-2800 24 Certified copies of material shall be provided by the division, at cost, upon request. Additionally, any material 25 that has been incorporated by reference after July 1, 1994 may be examined in any state publications 26 depository library. Copies of the incorporated materials have been sent to the state publications depository and 27 distribution center, and are available for interlibrary loan. 28 Part 01. STATUTORY AUTHORITY AND APPLICABILITY 29 01.1 The statutory authority for the promulgation of these rules is set forth in sections 25-1-107.5, 25-1.5-103 30 and 25-3-101, et. seq., C.R.S. 31 01.2 A long term care facility shall comply with all applicable federal and state statutes and regulations, 32 including but not limited to, the following:

1 (a) This Chapter V; 2 (b) 6 CCR 1011-1, Chapter II, General Licensure Standards; and 3 (c) 6 CCR 1010-2, Colorado Retail Food Establishment Rules and Regulations. 4 Part 1. GOVERNING BODY 5 **Definitions** 6 Department - The Department of Public Health and Environment. 7 LONG-TERM CARE FACILITY. A long-term care facility is a health facility that holds itself out as a nursing 8 home, nursing facility, nursing care facility or intermediate care facility or a health facility that is planned, 9 organized, operated, and maintained to provide supportive, restorative, and preventive services to persons who, 10 due to physical and/or mental disability, require continuous or regular inpatient care. 11 (a) a long term care facility is a nursing care facility, or a nursing facility serving residents who require 12 continuous medical and nursing care and supervision. 13 (b) a long-term care facility is an intermediate care facility serving residents who require regular, but not 14 continuous nursing care and supervision. 15 1.1 GOVERNING BODY. The governing body is the individual, group of individuals, or corporate entity that has 16 ultimate authority and legal responsibility for the operation of the long-term care facility. 17 1.1.1 The governing body shall provide the necessary facilities, qualified personnel, and services to 18 meet the total needs of the facility's residents. 19 1.1.2 The governing body shall appoint for the facility a full-time administrator, qualified as provided in 20 Section 2.1, and delegate to that officer the executive authority and full responsibility for day to-21 day administration of the facility. 22 1.1.3 The governing body is responsible for the performance of all persons providing services within the 23 24 1.2 STRUCTURE. If the governing body includes more than one individual, the group shall be formally 25 organized with written constitution or articles of incorporation and by-laws; hold regular, periodic 26 meetings; and maintain meeting records. 27 1.2.1 The facility shall disclose its ownership as required in Part 2, chapter II of these regulations. 28 1.2.2 The governing body shall provide a formal means of obtaining local community involvement and 29 opportunity to communicate with the administrator on issues of residents' rights. The means of 30 community input shall provide opportunity for regular input and such input shall be documented. 31 (a) The input may come through a formally organized community advisory committee that is 32 33 given the opportunity to comment and advise the governing body on matters of facility policy; is composed of members, a majority of whom reside in the facility's service area, 34 and none of whom are owners or employees of or consultants to the facility. 35 (b) The input may come through membership of at least 25% of the governing body 36 representing citizens in the facility's service area, none of whom are owners or 37 employees of or consultant? to the facility.

2	(c) The facility may request Department approval of an alternative means of obtaining community input on residents' rights.
3 4 5 6	1.3 QUALITY ASSURANCE. The governing body shall assure that there is an effective quality assurance program to evaluate the availability, appropriateness, effectiveness, and efficiency of resident care, including without limitation, a continuous program of evaluating medical, nursing care, social services, activities, dietary, housekeeping, maintenance, infection control, and pharmacy services.
7 8 9	1.3.1 The quality assurance plan shall be in writing and shall include objectives; personnel involved; responsibility for reviewing critical incidents; methods for monitoring and evaluating care; and methods for monitoring effectiveness of actions taken to improve quality of resident care.
10 11	1.3.2 The facility shall maintain evidence of actions taken in response to quality assurance activity and their effectiveness and shall report annually to the governing body.
12 13 14 15	1.4 EXCEPTIONS TO RULES. The requirements of these regulations do not prohibit the use of alternate concepts, methods, procedures, techniques, equipment, or personnel qualifications or conducting pilot projects. A facility may request waivers or exceptions to these regulations pursuant to 6 CCR 1011-1, Chapter II, General Licensure Standards, Part 4, waiver of regulations for health care entities.
16 17 18	1.5 POSTING DEFICIENCIES. The facility shall post conspicuously in public view either the statement of deficiencies following its most recent survey or a notice stating the location and times at which the statement can be reviewed.
19	Part 2. ADMINISTRATION
20 21	2.1 ADMINISTRATOR. The administrator is responsible to the governing body for planning, organizing, developing, and controlling the operations of the facility.
22	2.1.1 The administrator shall be licensed in the State of Colorado.
23 24 25 26 27	2.1.2 The administrator's responsibilities: 1) liaison among the governing body, medical staff, and physicians whose patients reside in. the facility, 2) financial and personnel management, 3) providing for appropriate resident care; and 4) maintaining relationships with the community and with other health care facilities, organizations, and services; 5) assuring facility and staff compliance with all regulations; and 6) any responsibilities prescribed by facility policy.
28 29	2.2 ORGANIZATION. The facility shall be organized formally to carry out its responsibilities with a plan of organization clearly defining the authority, responsibilities, and functions of each category of personnel.
30 31 32 33 34 35 36 37	2.3 POLICIES. In consultation with the Medical Advisor and one or more registered nurses and other related health care professionals, the administrator shall develop and at least annually review written resident care policies and procedures that govern resident care in the following areas: nursing, housekeeping, maintenance sanitation, medical, dental, dietary, diagnostic, emergency, and pharmaceutical care; social services; activities; rehabilitation; physical, occupational, and speech therapy; resident admission, transfer, and discharge; notification of physician and family or other responsible party of resident's incidents, accidents and changes of status; disasters; and health records and any other policies the department determines the facility needs based on its characteristics of its resident population.
38 39 40	2.4 FACILITY STAFFING PLAN. The facility shall have a master staffing plan for providing staffing in compliance with these regulations, distribution of personnel, replacement of personnel, and forecasting future personnel needs.
41	2.5 OCCURRENCE REPORTING.

1 Notwithstanding any other reporting required by state regulation, each facility shall report the following to the 2 department within 24 hours of discovery by the facility. 3 (1) Any occurrence involving neglect of a resident by failure to provide goods and services necessary to 4 avoid the resident's physical harm or mental anguish. 5 (2) Any occurrence involving abuse of a resident by the willful infliction of injury, unreasonable 6 confinement, intimidation, or punishment with resulting physical harm, pain or mental anguish. (3) Any occurrence involving an injury of unknown source where the source of the injury could not be 8 explained and the injury is suspicious because of the extent or location of the injury. 9 (4) Any occurrence involving misappropriation of a resident's property including the deliberate 10 misplacement, exploitation, or wrongful use of a resident's belongings or money without the 11 resident's consent. 12 Part 3 ADMISSIONS 13 3.1 RESTRICTIONS. The facility shall admit only those persons whose needs it can meet within the 14 accommodations and services it provides. 15 3.1.1 No resident shall be admitted for inpatient care to any room or area other than one regularly 16 designated and equipped as a resident bedroom. 17 3.1.2 There shall be no more than four residents admitted to a bedroom. 18 3.2 BED HOLD POLICIES. The facility shall develop policies for holding beds available for residents who are 19 temporarily absent therefrom, provide a copy of the policy upon admission, and explain these policies to 20 residents upon admission and before each temporary absence. 21 3.3 RESIDENT IDENTIFICATION. Upon admission, each resident shall have a visible means of identification 22 place and maintained on his or her person and property. 23 Part 4. PERSONNEL 24 4.1 POLICIES. The facility shall maintain written approved personnel policies, job descriptions, and rules 25 prescribing the conditions of employment, management of employees, and quality and quantity of 26 resident care to be provided. 27 4.1.1 The facility shall provide job specific orientation to all new employees within 90 days of 28 employment. 29 4.1.2 All personnel shall be informed of the purpose and objectives of the facility. 30 4.1.3 All personnel shall be provided access to the facility's personnel policies and the facility shall 31 provide evidence that each employee has reviewed them. 32 4.2 DEPARTMENTS. Each department of the facility shall be under the direction of a person qualified by 33 training, experience, and ability to direct effective services. 34 4.2.1 The facility shall provide a sufficient number of qualified personnel in each department to operate 35 the department. 36 37 4.2.2 All persons assigned to direct resident care shall be prepared through formal education or on the job training in the principles, policies, procedures, and appropriate techniques of resident care.

1 2	The facility shall provide educational programs for employees to be informed of new methods and techniques.
3	4.3 STAFF DEVELOPMENT COORDINATOR. The long term care facility shall employ a staff development coordinator who shall be responsible for coordinating orientation, inservice, on the job training, and
5	continuing education programs and for determining that staff have been properly trained and are
6	implementing results of their training. The objective of this standard is that staff be appropriately trained
7	in necessary aspects of resident care to carry out their job responsibilities.
8	4.3.1 The coordinator shall have experience in and ability to prepare and coordinate inservice education and training programs for adult learners in the area of geriatrics.
0	4.3.2. The facility shall employ a staff development coordinator for a sufficient amount of time to meet
1	4.3.2 The facility shall employ a staff development coordinator for a sufficient amount of time to meet
ユ	inservice, orientation, training, and supervision needs of staff. The facility shall provide for
2	appropriate staff follow-up.
3	4.3.3 The facility shall provide annual inservice education for staff in at least the following areas:
4	infection control, fire prevention and safety, accident prevention, confidentiality of resident
.5	information, rehabilitative nursing, resident rights, dietary, pharmacy, dental, behavior
6	management, disaster preparedness, and, if it has developmentally disabled residents,
.7	developmental disabilities, residents with Alzheimer's conditions, those conditions, or mentally ill
8	residents, mental illness.
9	4.3.4 The facility shall maintain attendance records with original signatures on inservice programs and course materials or outlines that staff who are unable to attend the program may review.
21	4.4 RECORDS. The facility shall maintain personnel records on each employee, including an employment
22	application, that includes training and past experience, verification of credentials, references of past
23	work experience, orientation, and evidence that health status is appropriate to perform duties in the
24	employee's job description.
25	4.5 REFERENCE MATERIALS. The facility shall provide current reference material related to the care that is
26	provided in the facility for use by all personnel.
27	4.6 STAFF IDENTIFICATION. All facility staff shall wear name and title badges while on duty, except where
28	they may pose a danger to staff or residents due to the nature of resident conditions.
29	Part 5. RESIDENT CARE
30	5.1 RESIDENT CARE. Residents shall receive the care necessary to meet individual physical, psycho-social,
31	and rehabilitative needs and assistance to achieve and maintain their highest possible level of
32	independence, self-care, and self-worth and well-being. Provision of care shall be documented in the
33	health record.
34	5.1.1 QUALITY OF LIFE. Residents shall be provided: a safe, supportive, comfortable, homelike
35	environment; freedom and encouragement to exercise choice over their surroundings,
86	schedules, health care, and life activities; the opportunity to be involved with the members of
37	their community inside and outside the nursing home; and treatment with dignity and respect.
88	5.1.2 PRESSURE ULCER PREVENTION AND CARE. (See also 7.7)
39	(1) For regidents whose proceurs ulgors developed while the regident was in the facility the
10	(1) For residents whose pressure ulcers developed while the resident was in the facility, the facility shall have:
L 1	(a) assessed the potential for skin breakdown, and

1 2 3 4 5	(b) provided preventive measures before the ulcer developed to residents identified in the assessment required in section 5.2 as at risk of pressure ulcers (i.e., a resident exhibiting three or more of the following symptoms: underweight, incontinence, dehydration, disorientation or unconsciousness, or limited mobility).
6	(2) For all residents with pressure ulcers, the facility shall:
7 8	(a) have developed an individualized treatment plan (as prescribed by section 5.7) designed to alleviate the condition;
9 10	(b) be providing active treatment to improve the condition in accordance with the treatment plan;
11 12	(c) be evaluating the resident's progress and treatment at least weekly and revising the treatment plan as needed and required by section 5.7;
13 14	(d) be providing proper nutrition and hydration to promote healing and prevent further breakdown.
15	5.1.3 ACCIDENT PREVENTION AND ATTENTION.
16	(1) The facility shall:
17	(a) investigate causes of accidents;
18 19	(b) monitor the resident's response to the accident, and obtain physician's or mental health evaluation, if needed;
20 21	(c) have developed and implemented an individualized plan as part of the care plan prescribed by Section 5.7 for prevention of future accidents;
22	(d) evaluate and revise the plan as needed.
23 24 25 26 27	(2) For residents at high risk for accidents, the facility shall have identified the risk in the care plan and taken reasonable precautions to prevent common accidents before the accident occurred. Residents at high risk of accidents include the blind, the deaf, those with seizure disorders, those with accidents in the last 6 months, the totally confused but ambulatory, new amputees, and residents on psychoactive drugs.
28	5.1.4 BEHAVIOR PROBLEM CARE.
29	(1) For residents with behavior problems the facility shall:
30 31	(a) have noted the behavioral problem and evaluated it in the initial assessment required by Section 5.2;
32 33	(b) develop and implement an individualized treatment plan as part of the care plan prescribed by Section 5.7;
34 35	(c) develop and implement a behavior management plan as part of the care plan prescribed by Section 5.7;
36	(d) obtain a mental health evaluation in appropriate cases;

2	(e) evaluate the resident's progress and revise the plan, as needed and required by Section 5.7;
3 4 5 6	(2) For residents receiving behavior modification drugs, the facility shall indicate in nurses' notes both positive and/or negative effects of the drug and that alternatives or adjuncts to the drugs in care planning were considered. These evaluations shall meet requirements of Section 7.10.8.
7	5.1.5 CONTRACTURE CARE. (See also 7.7)
8 9	(1) For residents with contractures upon admission, the facility shall have noted the problem, evaluated it, and undertaken restorative nursing intervention.
1 1 2 3 4	(2) For residents with contractures that occurred while in the facility, the facility shall have documented that range of motion and/or repositioning was performed before the contracture developed; if the resident refused treatment or preventive measures, the. facility shall have documented that such measures and the consequences of the refusal were explained to the resident.
5 6 7 8	(3) For all other residents with the potential for contracture, the facility shall have developed and be implementing an individualized treatment plan as part of the care plan prescribed in Section 5.7 to prevent or manage contractures and be periodically evaluating the progress. The plan shall be reviewed and revised at least annually as needed.
20	5.1.6 PROMOTION OF MOBILITY. (See also 7.7)
21 22 23 24	(1) For all residents, the facility shall have assessed each resident's ambulation potential and capability at least monthly, designed a plan of care as part of the care plan prescribed in section 5.7 to encourage mobility, be implementing the plan, regularly evaluate progress and revise the plan as needed.
25 26 27	(2) For residents requiring devices and/or personal assistance to ambulate, the facility shall provide and maintain devices in good repair, assist the resident to obtain appropriate footwear, and provide assistance to residents to move and transfer.
28	5.1.7 INDWELLING CATHETER CARE.
29	(1) For residents with any indwelling catheter, the facility shall have:
30	(a) evaluated appropriateness of continued use at least monthly;
31	(b) assessed the reason for the incontinence;
32 33	(c) evaluated the potential of bladder retraining, implementing it, if indicated, or documenting reasons if retraining was not indicated;
34	(d) implemented any physician order for irrigation or catheter replacement.
35 36 37	(2) For residents exhibiting signs or symptoms of urinary tract infection, the facility shall have notified the physician, obtained orders for treatment and implemented such treatment plan.
88	5.1.8 WEIGHT CHANGES. The facility shall:

1	(1) evaluate the resident to determine the cause of the weight change;
2 3 4	(2) develop and implement an individualized plan of care as part of the care plan prescribed by Section 5.7 (including appropriate intervention by other appropriate disciplines); evaluate resident progress as required by Section 5.7, and revise the plan, as needed;
5	(3) observe food and fluid intake and provide encouragement to residents with eating problems;
6	(4) provide reasonable choices of foods to meet personal preferences and religious needs;
7 8	(5) if nourishments are provided as part of the care plan, between meals and at bedtime, document the nourishments provided and whether they are consumed;
9 10	(6) provide assistance in eating or adaptive eating devices and assist residents in obtaining dentures, or dental care, as appropriate to the individual resident;
11	(7) for residents with mouth or gum problems, meet the requirements of part 10.
12	5.1.9 GROOMING.
13 14 15	(1) The facility shall assist the resident to obtain appropriate materials for personal care for the resident, provide personal care in a manner that preserves resident dignity and privacy, and provide social services intervention, if needed.
16 17 18	(2) For residents with inappropriate, unclean, or poorly maintained clothing and/or assistive devices, the facility shall assist the residents to obtain clothing, shoes and devices. Such clothing, shoes and devices shall fit properly, be clean, and be in good repair.
19	(3) For residents with poor oral hygiene, the facility shall meet the requirements of Part 10.
20	5.1.10 EXCORIATION PREVENTION AND GARE. (See also 7.7)
21 22	(1) For all residents who are incontinent or immobile, have impaired sensation, compromised nutritional or fluid status, or inadequate hygiene, the facility shall:
23 24	(a) have completed an initial skin evaluation upon admission and re-evaluated the condition at least weekly;
25	(b) be providing measures to prevent the excoriation, including:
26	(1) maintenance of clean, dry well lubricated skin;
27 28	(2) taking incontinent residents to the bathroom on a regular individualized schedule;
29	(3) evaluating the need for daily baths;
30 31	(4) determining potential trouble spots where microbial growth may occur (breasts, gluteal folds, skin folds).
32	(2) For residents with excoriations, the facility shall:
33 34	(a) develop and be implementing an individualized treatment plan as part of the care

1 2	 (b) evaluate the resident's progress at least daily and review and revise the treatment plan as needed;
3	(c) enter a progress note at least weekly in the health record.
4 5	5.1.11 FLUID MANAGEMENT. The facility shall provide fluid in quantities needed to maintain hydration and body weight and shall:
6	(1) assess each resident's hydration needs;
7 8	(2) observe and evaluate food and fluid intake daily and record and report deviations from sufficient food and fluid intake;
9 10	(3) provide assistance and encouragement to residents requiring assistance to meet their food and fluid requirements;
11	(4) provide self help adaptive devices and encourage their use.
12 13 14 15	5.1.12 PERSONAL ENVIRONMENT. The facility shall allow for personalization of rooms through the use of residents' personal furniture, appliances, decorations, plants, and memorabilia. The facility may limit the number of furniture items in resident rooms if to do so is necessary to accommodate roommate preferences, fire codes, housekeeping, or safe movement in the room.
16	5.1.13 PERSONAL CHOICE. The facility shall:
17 18	(1) make reasonable efforts to accommodate preferences of roommate, including the right of each resident so requesting to be assigned to a room with non-smokers;
19 20	(2) allow residents flexibility in times to eat main meals, consistent with requirements of Section 11.2 and with its own reasonable staffing and scheduling requirements;
21 22	(3) allow residents flexibility in times to bathe, rise and retire, consistent with its own reasonable staffing and scheduling requirements;
23 24	(4) provide at least one alternative menu choice for each meal of similar nutritive value. The same alternative shall not be used for two consecutive meals.
25 26 27 28 29	5.1.14 PROBLEM RESOLUTION. The facility shall inform residents of the resident council and grievance procedures, the name, address, and phone number of the Long-Term Care Ombudsman, and the phone number and address of the Departments of Health and Social Services and the Colorado Foundation for Medical Care. Staff shall assist residents in raising problems to the facility's administration or appropriate outside agencies.
30 31 32 33 34 35 36 37	5.2 RESIDENT ASSESSMENT. Within twenty-four hours of admission to the long-term care facility, a licensed nurse shall assess each resident's physical, mental, and functional status, including strengths, impairments, rehabilitative needs, special treatments, capability for self administration of medications, and dependence and independence in activities of daily living. The initial assessment shall form the basis of the preliminary care plan. Within seven days of admission, the nurse shall also collaborate with social services staff in assessing discharge potential and shall coordinate assessments with social services, dietetic, and activity staff. These assessments shall form the basis of the interdisciplinary care plan prescribed by Section 5.7.
38	5.2.1 The continuing assessment shall at all times reflect resident status.

1 2	5.2.2 The assessment shall be updated at least at three month intervals, but in any event whenever a significant change of resident condition occurs.
3 4	5.2.3 The current resident assessment shall be a part of the resident's health record and available for all direct care staff to use.
5 6 7 8	5.3 NURSING CARE PLANNING. A licensed nurse shall prepare an individualized nursing care plan for each resident based on the resident assessment prescribed by Section 5.2 and applicable physician treatment orders. The purpose of the care plan is to create an individualized tool for carrying out preventive, therapeutic, and rehabilitative nursing care.
9 10	5.3.1 Within 24 hours of admission, nursing staff shall prepare and implement a preliminary nursing care plan to meet each resident's immediate needs.
11 12	5.3.2 Within one week of admission, nursing staff shall prepare and implement a comprehensive nursing care plan for each resident.
13 14 15	5.3.3 The plan shall meet each resident's unique needs, problems, and strengths by identifying resident strengths, needs, and problems; specifying care interventions to capitalize on the strengths and meet those needs or problems; and defining the frequency of each intervention.
16 17	5.3.4 The nursing care plan shall be current and evaluated and revised following each assessment and whenever the resident's condition changes.
18 19	5.4 SOCIAL SERVICES CARE PLANNING. Social services staff shall assess social services needs within one week of admission and develop a social services care plan to meet each resident's needs.
20 21	5.5 ACTIVITIES CARE PLANNING. Activities staff shall assess activities needs within one week of admission and shall develop an activities care plan to meet each resident's needs.
22	5.6 NUTRITIONAL CARE PLANNING.
23 24 25 26	(a) The Dietary supervisor or consultant shall prepare an initial nutritional history and assessment for each resident within two weeks of admission that includes special needs, likes and dislikes, nutritional status, and need for adaptive cutlery and dishes and develop a plan of care to meet these needs.
27 28 29 30 31 32 33	(b) In the event the facility elects to utilize paid feeding assistants or feeding assistant volunteers pursuant to Part 11.001 of this Chapter V, as part of the history and assessment conducted pursuant to paragraph (a) of this 5.6, the interdisciplinary team shall evaluate each resident regarding the suitability of the resident to be fed and hydrated by a feeding assistant. Such evaluation shall include, but need not be limited to each resident's level of care, functional status concerning feeding and hydration, and, the resident's ability to cooperate and communicate with staff.
34 35 36	5.7 INTERDISCIPLINARY CARE PLANNING. Within two weeks of admission, an interdisciplinary long-term care facility staff team shall develop a personalized overall care plan for each resident based on the resident assessments and applicable physician orders.
37 38	5.7.1 The overall care plan shall contain a list of resident problems and the discipline that will address each problem in its own more detailed plan of care.
39 40	5.7.2 The overall care plan shall be evaluated according to the goals set out in the plan, following each assessment and whenever the resident's condition changes.

Page 19 of 123

1 5.7.3 The interdisciplinary team shall consist of representatives of resident services inside and outside 23 the facility, as appropriate, including at least nursing, social services, activities, and dietetic staff. Other persons, such as medical, pharmacy, and special therapies, shall be included as 4 appropriate. Residents and their representatives shall be invited to participate in care planning. 5 Refusal to participate shall be documented. 6 Part 6. MEDICAL CARE SERVICES 7 6.1 PHYSICIAN CARE. Each facility resident shall be admitted to the facility by a physician and have the 89 benefit of continuing health care under supervision of a physician. The facility shall have written policies developed by the medical advisor to coordinate and designate responsibility when more than one 10 physician is treating a resident. [See Part 26 exceptions] 11 6.1.1 The facility shall take all necessary steps to assure that upon admission, the physician provides to 12 the facility sufficient information to validate the admission and identify the resident and a 13 medical plan of therapy to include diet, medications, treatments, special procedures, activities, 14 specialized rehabilitative services, if applicable, and potential for discharge. 15 6.1.2. The facility shall take all necessary steps to assure that the admitting physician provides to the 16 facility on admission the anticipated schedule of visits to meet resident needs, which shall be no 17 less often than every 6 months. Acknowledgement of the visit schedule by the resident or 18 authorized representative shall be documented in the health record. 19 6.1.3 The facility shall take all necessary steps to assure that telephone orders are received by a 20 physician, licensed nurse or other appropriate disciplines as authorized by their professional 21 licensure and are countersigned by the attending physician or dentist and entered in the record 22 within 2 weeks. 23 6.1.4 The facility shall take all necessary steps to assure that the attending physician authenticates 24 medical histories and physical examinations completed by other authorized personnel. 25 6.1.5 The facility shall take all necessary steps to assure that a licensed dentist authenticates dental 26 examinations and dental histories completed by other authorized personnel and signs dental 27 treatment records. 28 6.1.6 The facility shall take all necessary steps to assure that the attending physician writes a progress 29 note following each visit, and at least once per year provides a written evaluation of the 30 resident's current medical status compared to the previous year's status. 31 6.1.7 The facility shall take all necessary steps to assure that all drugs and therapies ordered by the 32 physician are supported by diagnoses indicating the use of those drugs and therapies.

- 6.2 MEDICAL DIRECTOR. The facility shall retain by written agreement a physician to serve as medical
 director to the facility.
 - 6.2.1 The medical director is responsible for overall coordination of medical care in the facility and for systematic review of the quality of the health care provided by the facility and the medical services provided by the physicians in the facility. The medical director shall develop policies and procedures for medical care and for the physicians admitting residents to the facility.
 - 6.2.2 The medical director is responsible to:

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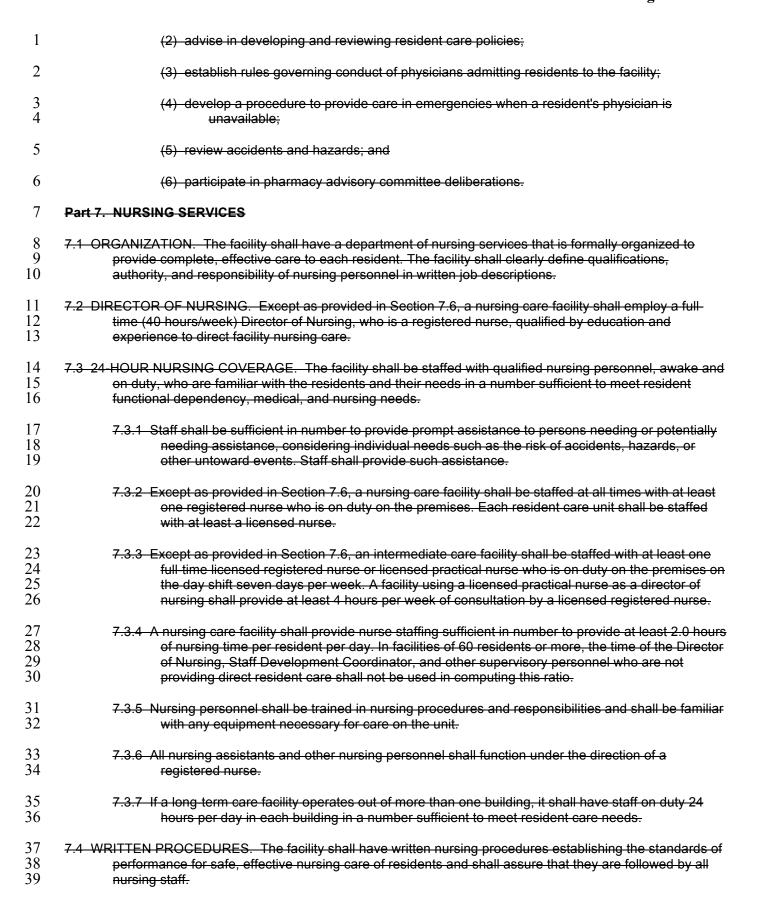
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(1) be a liaison between the facility and admitting physicians on matters related to attendance on residents, prompt writing of orders, and responding to requests by facility staff;



2	7.4.1 Procedures shall include the requirement that medications be administered in compliance with applicable Colorado law.
3 4	7.4.2 The nursing procedures shall be evaluated and revised as necessary, but no less often than annually.
5 6	7.5 NURSE STAFF RESPONSIBILITIES. Nursing staff shall participate in resident assessment, resident care planning, and resident nursing care, as prescribed by this Part and Part 5.
7 8 9 10 11	7.6 EXCEPTIONS. Nothing contained in this Part shall require any rural long-term care facility certified as a Skilled Nursing Facility or an Intermediate Care Facility under Medicaid to employ nursing staff beyond current federal certification requirements. Since federal standards require that nurse staffing be sufficient to meet the total nursing needs of all residents, resident conditions will in all events determine the specific numbers and qualifications of staff that each facility must provide.
12	7.6.1 A rural facility is one that is located in:
13	(1) a county of fewer than fifteen thousand population; or
14 15	(2) a municipality of fewer than fifteen thousand population that is located ten miles or more from a municipality of fifteen thousand population or over; or
16 17	(3) the unincorporated part of a county ten miles or more from a municipality of fifteen thousand population or more.
18 19 20 21	7.6.2 To the extent that these regulations require any facility to employ a registered nurse more than 40 hours per week, the Department may waive such requirements for such periods as it deems appropriate if, based on findings consistent with Part 4 of chapter II of these regulations it determines that:
22	(1) The facility is located in a rural area as defined in Subsection 7.6.1;
23 24	(2) The facility has at least one full-time registered nurse who is regularly on duty 40 hours per week;
25 26 27 28 29 30	(3) The facility has only residents whose attending physicians have indicated in orders or admission notes that each resident does not require the services of a registered nurse for a 48 hour period or the facility has made arrangements for a professional nurse or physician to spend such time at the facility as is determined necessary by the resident's attending physician to provide needed services on days when the regular full-time registered nurse is not on duty; and
31 32 33	(4) The facility has made and continues to make a good faith effort to comply with the more than 40 hour registered nurse requirement, but registered nurses are unavailable in the area.
34 35 36	7.7 SUPPLIES AND EQUIPMENT. The facility shall provide the supplies and equipment necessary to conduct the preventive, therapeutic, and rehabilitative nursing program. Equipment includes devices to assist residents to perform activities of daily living.
37	7.7.1 Equipment shall be maintained in clean and proper functioning condition.
38 39	7.7.2 The facility shall provide or assist residents to obtain walkers, crutches, canes, and wheelchairs (with appropriate padding), all of which shall fit residents properly.

1 2	7.7.3 Nursing staff shall be trained in rehabilitative nursing procedures, including preventive nursing care measures, and in the proper use of prosthetic devices and equipment.
3	7.8 CARE POLICIES. The facility shall have written resident care policies approved by the governing body,
4	which staff shall follow.
5	7.9 RESIDENT SOCIALIZATION. Except where contraindicated by physician order or resident preference,
6 7	residents shall be dressed, encouraged to be active, be out of bed for reasonable periods of time each day, and encouraged to eat in a dining room.
8	7.10 MEDICATION ADMINISTRATION. Medications shall be identified as provided in Subsection 16.3.2. Staff
9 10	shall verify identification of the medication when the medication is prepared as well as when it is administered.
11	7.10.1 Medications and treatments shall be given only as ordered by a physician.
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12	7.10.2 Medication shall be administered in a form that can be most easily tolerated by, the resident.
13	Staff shall not mask the medication or alter its form, through crushing or dissolving or other
14	means, if to do so would be hazardous and not without first informing the resident or
15	responsible party.
16	7.10.3 Medications that are prepared but unused shall be disposed of in accordance with state law and
17	the facility's written procedures.
18	7.10.4 All administered medications shall be recorded in the resident's health record, indicating the
19	name, strength, dosage, and mode of administration of the medication, the date and time of
20	administration, and the signature of the person administering the medication.
21	7.10.5 To encourage independence and prepare residents for discharge, the facility shall permit self-
22	administration of medications in appropriate cases upon the order of the attending physician
23	and under the guidance of a registered or a licensed practical nurse.
24	7.10.6 If facility policy permits medications to be kept at the bedside, the pharmaceutical advisory
25	committee shall approve such types of medications. The facility shall assure that each such
26	medication is ordered by the physician to be kept at the bedside, it is used properly, use is
27	documented, and it is stored in a secure manner that protects all residents.
28	7.10.7 Drug reactions and significant medication errors shall be reported within thirty minutes to the
29	resident's physician. A call to the office or answering service does not meet the facility's
30	responsibility to provide emergency care. The resident's condition shall be monitored for 72
31	hours and observations documented in the health record.
32	7.10.8 If a resident is administered psychoactive medications, he or she snail be evaluated for
33	symptoms of tardive dyskinesia at least every three months.
34	7.11 RESTRAINTS.
35	(A) A PHYSICAL RESTRAINT is any manual method or physical or mechanical device,
36	material or equipment attached or adjacent to the resident's body that the individual
37	cannot remove easily which restricts freedom of movement or normal access to one's
38	body.
39	(B) A CHEMICAL RESTRAINT is anything that is used for discipline or convenience and not
40	required to treat medical symptoms. Any medication that can be used both to treat a
11	medical condition and to alter or control behavior shall be evaluated to determine its

1 use for the resident. If a medication is used solely or primarily to treat a medical 2 condition, it is not a chemical restraint. 3 7.11.1 Linen shall not be used as restraints. 4 7.11.2 The facility shall establish written policies and procedures governing the use of physical and 5 chemical restraints and shall assure that they are followed by all staff members. 6 7.11.3 Physical and chemical restraints shall only be used upon the order of a physician and only when necessary to prevent injury to the resident or others, based on a physical, functional, emotional 8 and medication assessment. 9 7.11.4 Restraints shall not be used for disciplinary purposes, for staff convenience or to reduce the 10 need for care of residents during periods of understaffing. 11 7.11.5 Whenever restraints are used, a call signal switch or similar device within reach or other 12 appropriate method of communication shall be provided to the resident. 13 7.11.6 If the resident needs emergency care, restraints may be used for brief periods to permit medical 14 treatment to proceed, unless the resident or legal representative has previously made a valid 15 refusal of the treatment in question. A resident whose unanticipated violent or aggressive 16 behavior places the resident or others in imminent danger does not have the right to refuse the 17 use of restraints as long as those restraints are used as a last resort to protect the safety of the 18 resident or others and use is limited to the immediate episode. 19 7.11.7 Residents in physical restraints shall be monitored at least every 15 minutes to assure that the 20 resident is properly positioned, blood circulation is not restricted, and other resident needs are 21 22 7.11.8 At least every two hours during waking hours, residents shall have the physical restraint 23 removed and shall have the opportunity to: drink fluids, be toileted, and be exercised, moved, or 24 repositioned, which activity shall be documented in the health record. 25 7.12 SAFETY DEVICES. A safety device such as an alarm, helmet or pillow is used to protect the resident from 26 injury to self, maintain body alignment, or facilitate comfort. Prior to using any safety device, the facility 27 shall assess the resident to properly identify the resident's needs and medical symptom/s that the safety 28 device is being employed to address. The facility shall also evaluate whether any safety device being 29 used meets the definition of a physical restraint as defined at section 7.11(A). 30 7.12.1 Linen shall not be used as safety devices. 31 7.12.2 Safety devices shall not be used for disciplinary purposes, for the convenience of staff, or to reduce the need for care of residents during periods of understaffing. 33 7.12.3 The facility shall establish written policies and procedures governing the use of safety devices 34 and shall assure that they are followed by all staff members. 35 7.12.4 If a safety device meets the definition of a restraint, then all regulations under section 7.11 apply. 36 37 A registered nurse may order a safety device after assessing and determining the need exists. Through the nursing assessment, if the need is ongoing, a comprehensive, documented 38 physical and functional assessment shall be completed no less often than after the first 24 39 hours, at the end of the week, and monthly thereafter. 40 7.12.5 At least every two hours residents with safety devices shall be monitored and such monitoring 41 shall be documented.

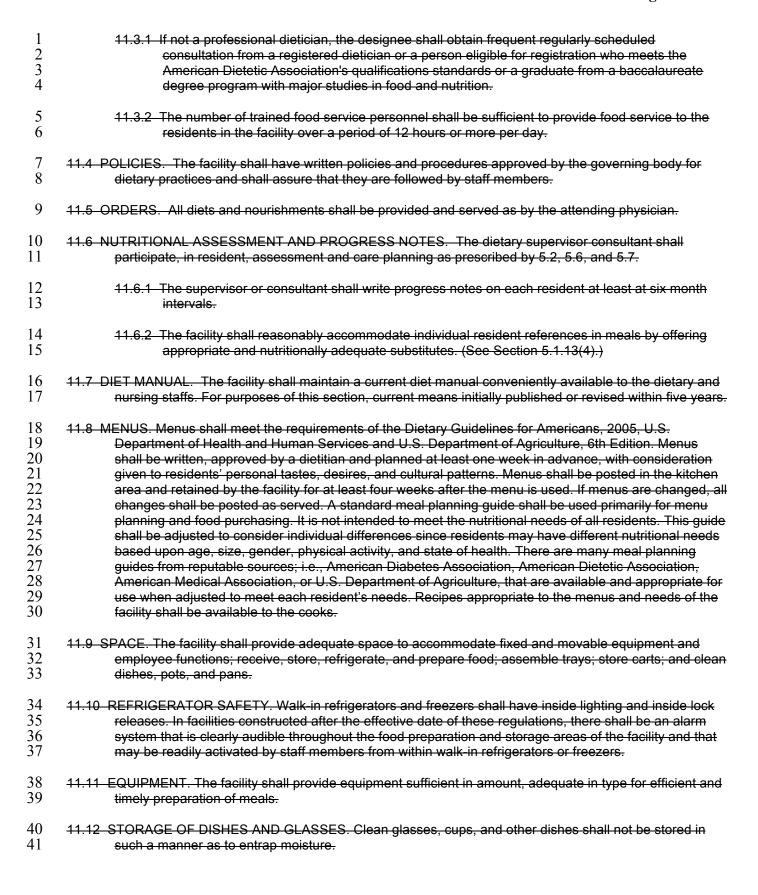
Page 22 of 123

1 7.12.6 Residents with safety devices shall have either a call signal switch or similar device within reach 2 or some other appropriate means of communication provided. 3 7.13 PHYSICIAN NOTIFICATION. Facility staff shall notify the attending physician promptly in cases of 4 significant change in resident status and any incident or accident involving the resident. 5 Part 8. SOCIAL SERVICES 6 8.1 SOCIAL SERVICES. The facility shall identify, plan care for, and meet the identified emotional and social 7 needs of each resident to enhance resident psycho-social health and well-being. 8 8.1.1 Social services staff shall be involved in the pre-admission process, providing input as to appropriateness of placement from a psycho-social perspective, except in emergency 10 admissions. Such involvement may include contact with the prospective resident or family 11 member, or interdisciplinary conferences that consider psycho-social issues as well as 12 medical/nursing criteria. 13 8.1.2 Social services staff shall provide for addressing needs of individuals or groups, either directly by 14 staff or by referral to community agencies. 15 8.1.3 Social services staff shall assist residents and families in coping with the medical and psycho-16 social aspects of the resident's illness and disability and the stay in the facility. 17 8.1.4 Social services staff shall assist residents in planning, for discharge by coordinating service 18 delivery with the nursing staff and by assessing availability and facilitating use of financial and 19 social support services in the community. 20 8.1.5 When services, such as community mental health services, are available in the community to 21 meet special residents' social and emotional needs, social services staff shall provide 22 appropriate referrals to community services. 23 8.1.6 Social services staff shall coordinate transfers (other than medical transfers) within and out of the facility and assist residents in adjusting to intra-facility. transfers. 25 8.1.7 Social services staff shall participate in resident assessment and care planning as prescribed by 26 5.2, 5.4, and 5.7, and shall provide social services to residents. Staff shall review and update 27 the assessment and care plan at least every six months. 28 8.1.8 Social services staff shall record information on social history in the health record and review it at 29 least annually. 30 8.1.9 Social services staff shall record progress notes in the resident's health record at least quarterly 31 for the first six months that a resident is in a long-term care facility and at least semi-annually 32 thereafter. 33 8.1.10 Social services staff shall participate in developing policies and procedures pertaining to social 34 services in the facility. 35 8.1.11 Social services staff shall provide orientation to new residents and their families (including 36 explanation of residents' rights) and assistance to residents and families in raising concerns 37 about resident care. 38 8.2 STAFFING. The facility shall employ social services staff qualified as provided in Subsections 8.2.1 and 39 8.2.2 and sufficient in number to meet the social and emotional needs of the residents.

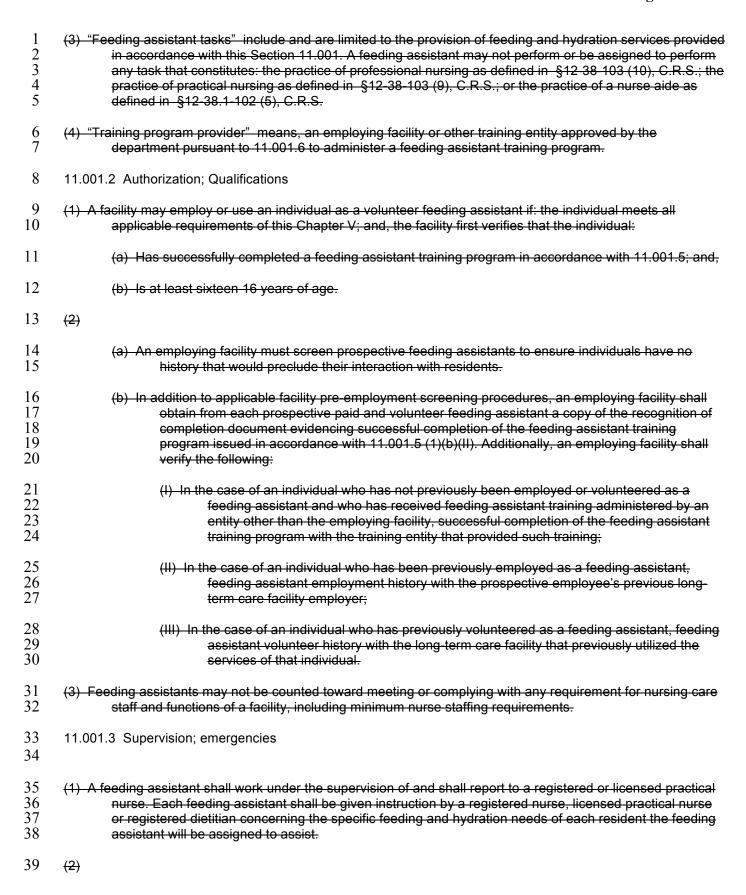
1 2	8.2.1 A qualified social work staff member of a public or private non-profit facility* is a person who is either:
3 4	(1) A social worker licensed or authorized expressly by state law to practice under supervision of a licensed social worker; or
5 6	(2) a person with a Master's or Bachelor's Degree in social work; or
7 8 9 10	(3) a person with a Master's or Bachelor's Degree in a related human services field who has monthly consultation from a person meeting the qualifications in subsections 1, or 2. The consultation shall be sufficient in amount to assist the social work staff to meet resident needs.
11 12 13 14 15	8.2.2 A qualified social work staff member of a for-profit facility* is a person who is either a social worker licensed or authorized expressly by state law to practice under supervision of a licensed social worker or a person with a Master's or Bachelor's Degree in social work or other human services field who has monthly consultation from a person so licensed or authorized; the consultation shall be sufficient in amount to assist the social work staff to meet resident needs.
16 17 18	8.2.3 Any facility that on the effective date of these regulations employed a person with a high school degree or GED as social services staff may continue to employ that individual with prescribed consultation.
19 20 21 22	8.2.4 Any facility located in a rural area as defined by subsection 7.6.1 may apply for a waiver under Part 4 of chapter II of the qualifications for a social services staff member under this section if it demonstrates that it has made a good faith effort to hire staff with the required qualifications, but that qualified social services staff are unavailable in the area.
23 24 25 26	8.3 FACILITIES AND EQUIPMENT. The facility shall provide for social services staff suitable space, equipped with a telephone, for confidential interviews with residents and families. The space shall provide visual and auditory privacy and locked storage for confidential records and be accessible to non-ambulatory persons.
27	Part 9. RESIDENT ACTIVITIES
28 29 30 31	9.1 ACTIVITIES PROGRAM. The facility shall offer a program of organized activities that promotes residents' physical, social, mental, and intellectual well-being, encourages resident independence and pursuit of interests, maintains an optimal level of psycho-social functioning, and retains in residents a sense of continuing usefulness to themselves and the community.
32 33 34 35	9.1.1 Activities shall be broad enough in scope to stimulate participation of all residents, including residents with mental and emotional impairments, but no resident shall be compelled to participate in any activity. Each month, activities shall include at least one from each of the following categories: social/recreational, intellectual, physical, spiritual, and creative.
36 37	9.1.2 The facility shall provide individual and group activities designed to meet each resident's individual needs.
38 39	9.1.3 Activities staff shall participate in resident assessment and care planning as prescribed by 5.2, 5.5, and 5.7, and shall implement activity programs.
40 41 42	9.1.4 The facility shall develop programs to encourage community contact, including use of community volunteers inside the facility and activities for residents outside the facility. The facility shall make reasonable arrangements for transportation for residents to such activities.

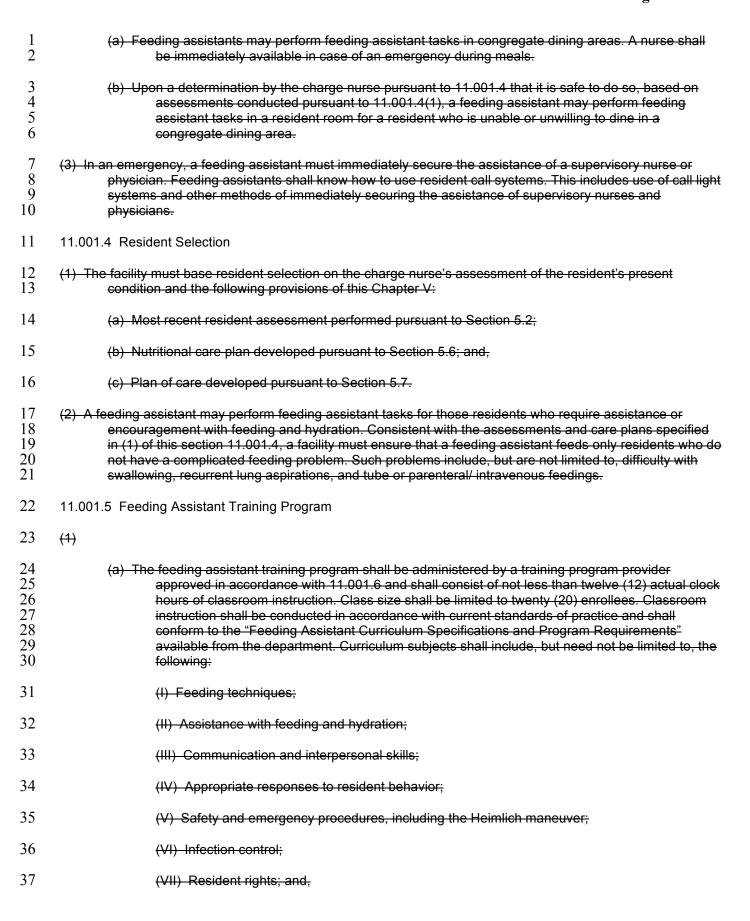
1 2	9.1.5 The facility shall provide activities daily, including at least one evening per week. Activities in addition to religious services shall be provided on weekends each week.
3 4	9.1.6 The facility shall post a monthly activities schedule where it is visible to all residents and families indicating date and time of each activity that is open to all residents.
5 6	9.1.7 The facility shall retain activity attendance records, maintained in a location other than the health record.
7 8	9.2 STAFFING. The facility shall employ activities staff sufficient in number to meet resident needs and qualified as either:
9 10	(1) an activity professional certified by the National Certification Council for Activity Professionals as an Activity Director Certified or Activity Consultant Certified;
11 12 13	(2) an occupational therapist or occupational therapy assistant meeting the requirements for certification by the American Occupational Therapy Association and having at least one year of experience in providing activity programming in a long term care facility;
14 15 16	(3) a therapeutic recreation specialist (registered by the National Therapeutic Recreation Society) having at least one year of experience in providing activity programming in a long term care facility;
17 18 19	(4) a person with a Master's or Bachelor's degree in the social or behavioral sciences who has at least one year of experience in providing activity programming in a long term care facility;
20 21 22 23	(5) a person who has completed, within a year of employment, a training course for activity professionals in an accredited state facility [if available] and who has at least two years experience in social or recreational program work, at least one year of which was full- time in an activities program in a health care setting; or
24 25 26	(6) a person with monthly consultation from a person meeting the qualifications set forth in subsections (1) through (5). The consultation shall be sufficient in amount to assist the activity staff members to meet resident needs.
27 28 29	9.3 RELIGIOUS SERVICES. The facility shall assist residents who are able and wish to do so to attend religious services of their choice. The facility shall honor resident requests to see their clergy and provide private space for such visits.
30 31 32 33	9.4 SPACE AND EQUIPMENT. The facility shall make available the supplies, space, and equipment to provide an activities program that meets each resident's individual needs. The facility shall provide an activities and recreation area and provide at least: books, current newspapers, games, stationery, radio, and television.
34	Part 10. DENTAL SERVICES
35 36 37	10.1 DENTAL EXAMINATION. Upon admission, each resident of a facility upon his/her consent or upon the consent of a responsible person, shall have an oral examination by a licensed dentist or an initial oral inspection by a licensed dental hygienist designated by a dentist.
38 39	10.1.1 The facility shall take all necessary steps to assure that the dental examination is conducted according to current dental practice.
40	10.1.2. The facility is not responsible to pay for such services.

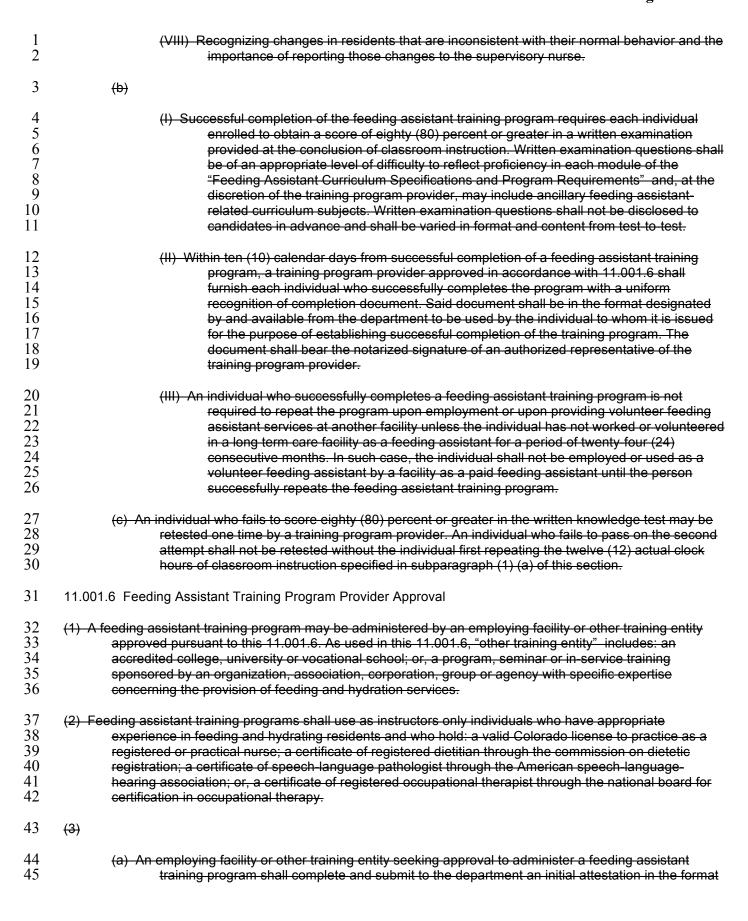
1 2	10.1.3 If the local dental society provides a list of dentists who are willing to participate, the facility shall make the list available to the residents.
3	10.1.4 In lieu of the admission examination, the resident may present written results, for entry into his/her medical record, of an oral examination administered during a period not to exceed six
5	months prior to admission.
6	10.2 DENTAL RECORDS. The dentist or the designated dental hygienist is responsible for the dental record.
7	For residents agreeing to participate in the program, the facility shall take all necessary steps to assure
8	that there are complete, accurate dental records that include the following:
9	10.2.1 Results of all current dental examinations and plans for treatment.
10	10.2.2 One of the following to document provision of planned treatment:
11	(1) Record of treatment provided pursuant to a plan for treatment.
12	(2) A document signed by each resident of a nursing care facility or responsible party that
13	states that the resident or responsible party is aware of any and all specific oral
14	pathology identified during an oral examination of the resident, but elects not to obtain
15	treatment because of cost or other reasons.
16	(3) In the event that the resident or responsible party elects not to obtain the initial oral
17	examination, a signed statement to that effect in the resident's permanent medical
18	record, which substitutes for the dental record requirement.
19	10.3 ORAL APPLIANCES. Upon consent, all residents' removable oral appliance and personal hygiene
20	appliances (including without limitation, full dentures, partial dentures, and toothbrushes) shall be clearly
21	identified and marked in a permanent manner with the user's name, as recommended by the dentist
22	designated as advisory dentist to the facility.
23	10.4 DENTAL HYGIENE. Each facility shall implement policies for an oral hygiene for its residents, in
24	consultation with the advisory dentist or the designated dental hygienist.
25	10.4.1 Direct care staff from each facility shall have at least annual inservice training course in
26	preventive dentistry and oral hygiene, conducted by a dentist, dental hygienist, or preventive
27	dental aide.
28	Part 11. DIETARY SERVICES
29	11.1 DIETARY SERVICES. The facility shall provide meals that are nutritious, attractive, well balanced, in
30	conformity with physician orders, and served at the appropriate temperature in order to enhance
31	residents' health and well being. It shall also offer nourishing snacks.
32	11.2 ORGANIZATION. The facility shall have an organized food service, appropriately planned, equipped, and
33	staffed to prepare and serve the number of meals created in the kitchen. The facility shall offer at least
34	three meals or their equivalent per day, at regular times, with not more than 14 hour between the
35	beginning of the evening meal and breakfast. Routine seatings shall be no later than 8 A.M. for
36	breakfast and no earlier than 5 P.M. for the evening meal. Timing of meals shall generally comport with
37	cultural practices in the community, unless inconsistent with these regulations.
38	11.3 PERSONNEL. The administrator shall designate a dietician or person qualified by training and experience
39	to be responsible for the dietary services.
40	

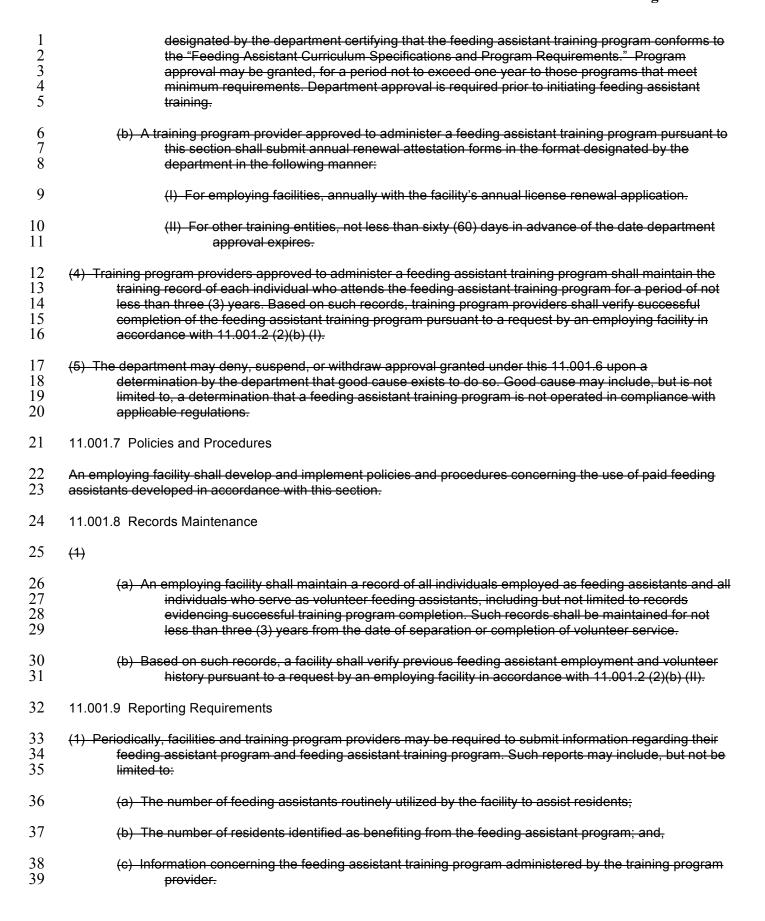


1 11.13 ISOLATION. Dishes and utensils with which food is served to residents in isolation because of infectious 2 diseases shall be sanitized if they are contaminated with infectious material such as blood drainage or 3 secretions or shall be disposable. 4 5 6 11.14 MILK. Milk for drinking shall be provided to consumers in an unopened, commercially filled container not exceeding a one pint capacity, or drawn from a commercially filled container stored in a mechanically refrigerated bulk milk dispenser, or poured directly into the drinking vessel from a commercially filled 7 half-gallon or gallon container that has been refrigerated until served to maintain a temperature of 45 8 degrees FAHRENHEIT or less. 9 11.15 NAIL POLISH AND FALSE NAILS. Staff involved in preparing and serving food shall not wear nail polish 10 or false nails. 11 11.16 DINING AND RECREATIONAL FACILITIES. Dining and recreation areas shall be readily accessible to 12 all residents, and shall not be in a hallway or lane of traffic in or out of the facility. Such space shall be 13 sufficient to accommodate activities conducted there, consistent with resident comfort and safety. The 14 dining and recreation areas may be separate or combined. 15 Part 11.001. FEEDING ASSISTANTS 16 11.001.1 Definitions. 17 Unless otherwise indicated, as used in Part 11.001: 18 (1) 19 (a) "Feeding assistant" means an individual who assists residents by performing feeding assistant 20 tasks, meets the requirements of Section 11.001.2 and 11.001.3; and, is paid as an employee 21 of a facility; used by a facility under arrangement with another agency or organization; or, who is 22 an unpaid volunteer. 23 (b) The following individuals may provide feeding assistance to residents without meeting the requirements of section 11.001.2 and 11.001.3: 25 (i) Registered or licensed nurses; 26 (ii) Certified nurse aides: 27 (iii) Registered dietitians; 28 (iv) Licensed health care practitioners with appropriate experience in feeding and hydrating 29 residents: 30 (v) Private duty aides and students in nursing education programs and other allied health 31 programs 32 who utilize facilities as clinical practice sites; or, 33 (vi) Resident family members. 34 (2) "Employing facility" means a facility that employs paid feeding assistants or utilizes the services of volunteer 35 feeding assistants.







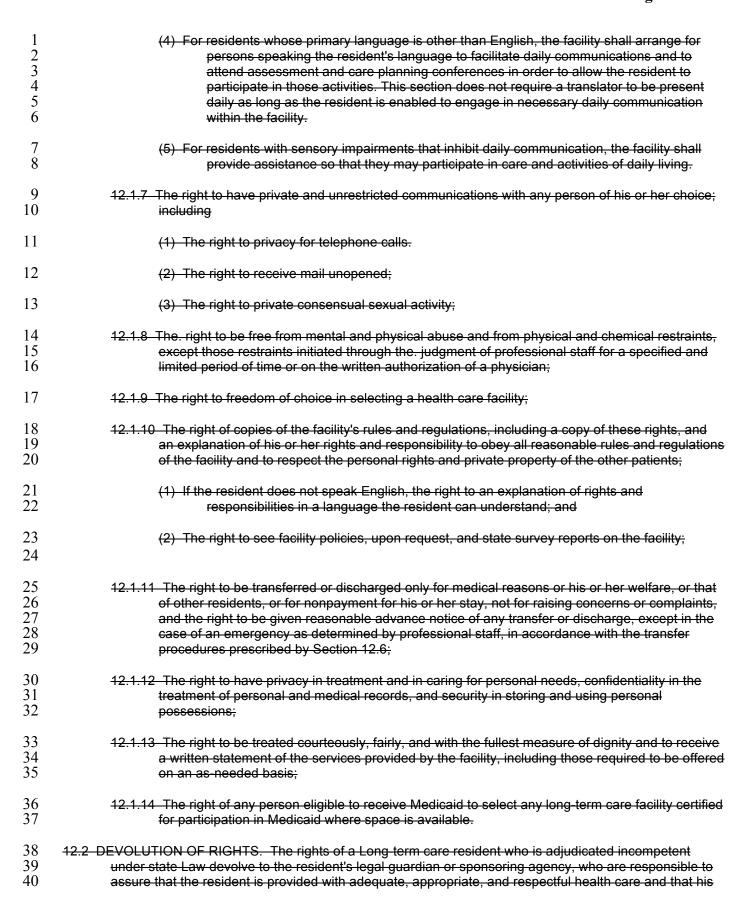


Page 34 of 123

Part 12. RESIDENTS' RIGHTS

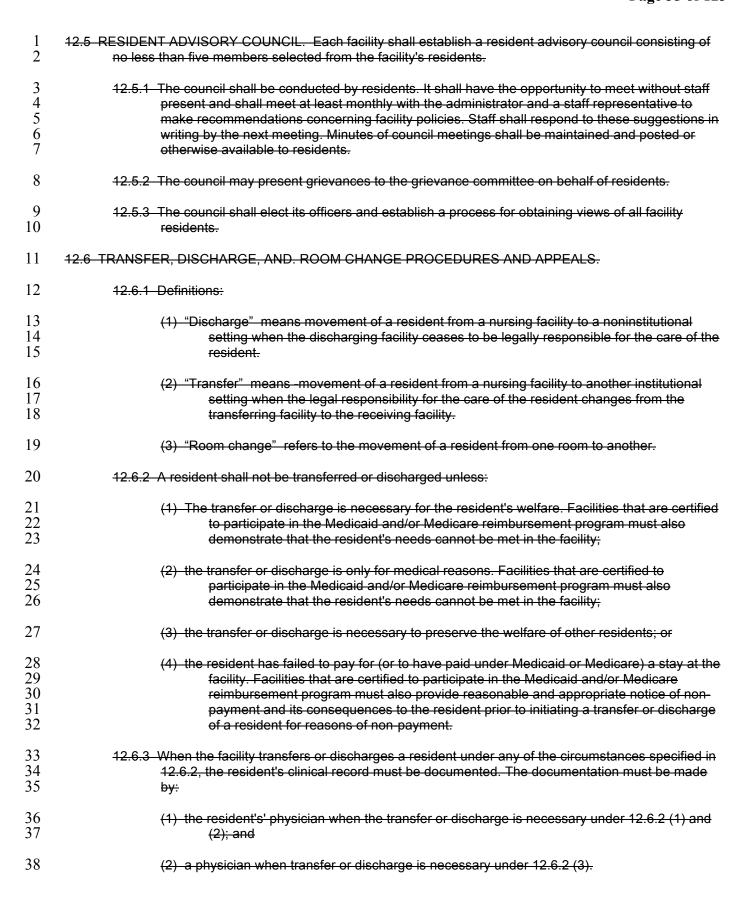
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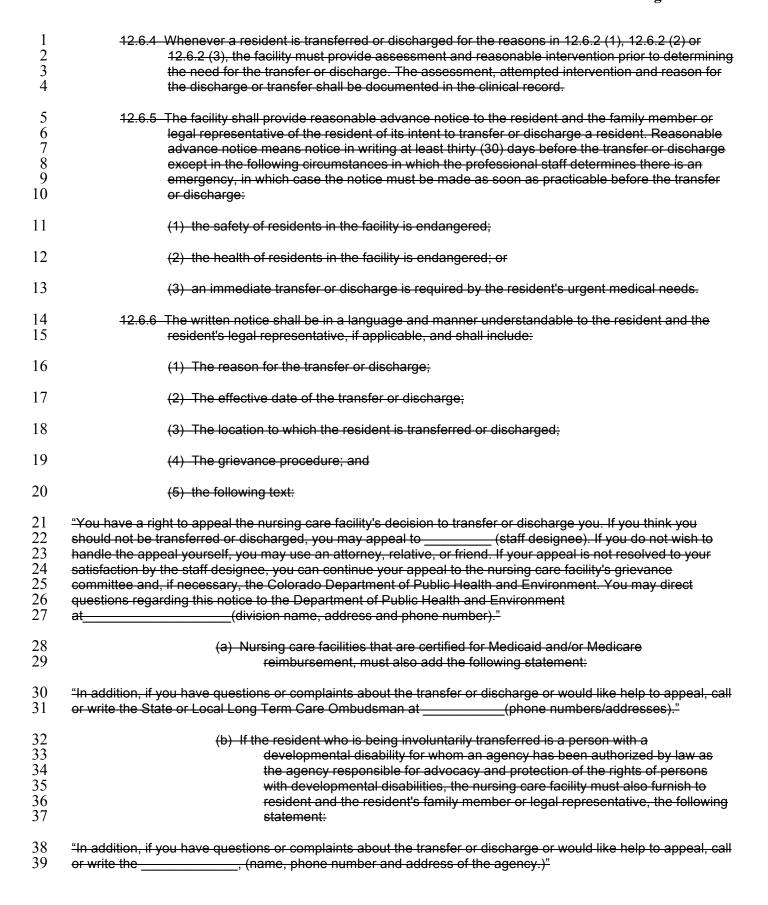
2 3 4 5	12.1 RESIDENTS' RIGHTS. The facility shall adopt a statement of the rights and responsibilities of their residents, post it conspicuously in a public place, and provide a copy to each resident or guardian before admission. The facility and staff shall observe these rights in the care, treatment, and supervision of the residents. Rights shall include at least:
6 7 8	12.1.1 The right to receive adequate and appropriate health care consistent with established and recognized practice standards within the community and with long-term care facility rules issued by the Department;
9	12.1.2 The right to civil and religious liberties, including:
10 11	(1) Knowledge of available choices and the right to independent personal decisions, which will not be infringed upon;
12 13	(2) The right to encouragement and assistance from the staff of the facility in the fullest possible exercise of these rights;
14	(3) The right to vote;
15	(4) The right to participate in activities of the community both inside and outside the facility;
16 17 18 19	12.1.3 The right to present grievances on behalf of him/herself or others to the facility's staff or administrator, to governmental officials, or to any other person, without fear of reprisal, and to join with other patients or individuals within or outside of the facility to work for improvements in resident care, including:
20	(1) The right to participate in the resident council;
21 22 23	(2) The right to be informed of the address and telephone number for the Department and the state and local Nursing Home Ombudsman; the facility shall post these numbers conspicuously;
24 25 26 27	12.1.4 The right to manage his or her own financial affairs or to have a quarterly accounting of any financial transactions made in his or her behalf, should the resident delegate such responsibility to the facility for any period of time;
28 29 30	12.1.5 The right to be fully informed, in writing, prior to or at the time of admission and during his or her stay, of services available in the facility and of related charges, including charges for services not covered under Medicare or Medicaid or not covered by the basic per diem rate;
31 32 33	12.1.6 The right to be adequately informed of his or her medical condition and proposed treatment unless otherwise indicated by his or her physician, and to participate in the planning of all medical treatment, including:
34 35	(1) The right to refuse medication and treatment, unless otherwise indicated by his or her physician, and to know the consequences of such actions;
36	(2) The right to participate in discharge planning; and
37 38	(3) The right to review and obtain copies of his or her medical records in accordance with Part 5 of chapter II of these regulations.

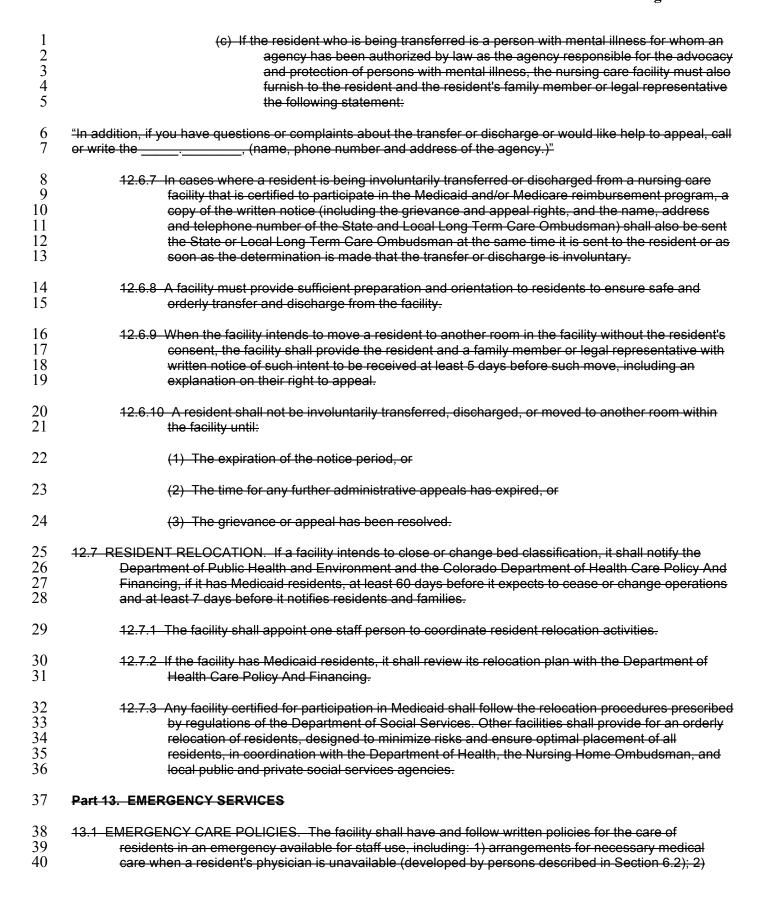


Page 36 of 123

1 or her rights are observed. In the case of devolution, the facility shall observe these rights with respect 2 to the guardian or sponsoring agency. 3 4 5 6 12.3 STAFF TRAINING IN RESIDENTS' RIGHTS. The facility shall provide a copy of the facility's statement of residents' rights at new employee orientation. Current employees shall be provided a copy of the rights no later than the first pay period after receipt of these rules. The facility shall train all staff in the observation and protection of residents' rights. Social services staff shall assist in residents' rights 7 orientation for new employees. 8 9 12.4 GRIEVANCE PROCEDURE. The facility shall develop a grievance procedure, which it shall post conspicuously in a public place, for presentation of grievances by residents, the resident council, or 10 members of the resident's family regarding any conditions, treatment, or violations of rights of any 11 resident by the facility or staff (regardless of the consent of the victim of the alleged improper conduct). 12 12.4.1 The facility shall designate a full time staff member ("staff designee") to receive all grievances. 13 12.4.2 The facility shall establish a grievance committee consisting of the chief administrator or his or 14 her designee, a resident selected by the facility's residents, and a third person agreed upon by 15 the administrator and the resident representative. 16 12.4.3 Any resident or legal representative, or member of a resident's family or the resident council may 17 present a grievance to the facility staff designee orally or in writing within 14 days of the incident 18 giving rise to the grievance. 19 12.4.4 The staff designee shall confer with persons involved in the incident and other relevant persons 20 21 and within 3 days of receiving the grievance shall provide a written explanation of findings and proposed remedies to the complainant and the aggrieved party, if other than the complainant, 22 and legal representative, if any. Where appropriate due to the mental or physical condition of 23 the complainant or aggrieved party, an oral explanation shall accompany the written one. 24 25 12.4.5 If the complainant or aggrieved party is dissatisfied with the findings and remedies of the staff 26 designee or their implementation, within 10 days of receiving the designee's explanation, the 27 complainant or aggrieved party may file the grievance orally or in writing along with any 28 additional information it wishes to the grievance committee. 29 12.4.6 The committee shall confer with persons involved in the incident and other relevant persons, 30 31 including the complainant, and within 10 days of the date of the appeal shall provide a written explanation of its findings and proposed remedies to the complainant and the aggrieved party, if 32 other than the complainant, and to the legal representative, if any. Where appropriate due to the 33 mental or physical condition of the complainant, or aggrieved party, an oral explanation shall 34 accompany the written one. 35 12.4.7 If the complainant or aggrieved party is dissatisfied with the findings and remedies of the 36 grievance committee or their implementation (except for grievances regarding physician or 37 physician-prescribed treatment), the person may file the grievance in writing with the Executive 38 Director of the Department within 10 days of receipt of the written findings of the grievance 39 committee. The Department shall then investigate the facts and circumstances of the grievance 40 and make written findings of fact, conclusions, and recommendations and provide them to the 41 complainant, aggrieved party, legal representative, if any and the facility administrator. 42 12.4.8 If the complainant or facility administrator is aggrieved by the Department's findings and 43 recommendations, he or she may request, within 30 days of receipt of the findings and 44 recommendations, a hearing to be conducted by the Department pursuant to C.R.S. 24-4-105.







1 procedures and training programs that cover immediate care of residents; and 3) persons to be notified 2 in an emergency. 3 4 5 6 7 8 9 13.2 FIRE AND INTERNAL DISASTER PLAN. With the assistance of qualified fire and safety experts, the facility shall develop written policies and procedures for protection of persons within the building in case of fire, explosion, flood, staff shortage, food shortage, termination of vital services, or other emergency in the building. Policies shall include: 1) brief, written instructions, posted at each nurses' station, that include persons to be notified and other immediate steps to be taken before the fire department or other assistance arrives; 2) a schematic plan of the building or portions thereof posted at each nurses' station, showing evacuation routes, smoke stop and fire doors, exit doors, and the location of fire extinguishers 10 and fire alarm boxes; 3) procedures for evacuating helpless residents; A) assignment of specific tasks 11 and responsibilities to the personnel on each shift; 5) provision for at least annual training and 12 instruction to keep employees informed of their duties; and 6) provisions for conducting simulated fire 13 drills at least three times per year. 14 13.3 MASS CASUALTY PLAN. Each facility shall develop a written mass casualty plan for managing residents 15 and treating casualties in an external or community disaster. The program shall be developed in 16 cooperation with other health facilities in the area and with official and other community agencies. 17 Part 14. FACILITY RECORDS 18 19 14.1 HEALTH RECORDS. The facility shall maintain on its premises a health record for each resident. The 20 record and the resident for which it is maintained shall be identified by a separate, unique number. The 21 record shall contain sufficient information to identify the resident; provide and support resident 22 23 24 diagnoses; include orders for medications, treatments, restorative services, diet, special procedures, and activities. It shall include a care plan and discharge plan and indicate in progress notes the resident's progress at appropriate intervals. The components of the record may be kept separately as 25 long as they are readily retrievable. 26 14.1.1 Only physicians, dentists or persons operating under their supervision shall write or dictate 27 28 medical histories and physical examinations in the medical record, and only dentists shall write dental histories. 29 14.1.2 Telephone orders shall be taken by licensed nurses or members of other appropriate disciplines 30 as authorized by their professional licensure and as approved in facility policy. They shall be 31 countersigned by the physician or dentist and entered into the record within two weeks. 32 33 14.1.3 All orders for diagnostic procedures, treatments, and medications shall be entered into the health record and authenticated and signed by the physician, except that orders for dental 34 procedures shall be authenticated and signed by a dentist. All reports of x-ray, laboratory, EKG, 35 and other diagnostic tests shall be authenticated by the person submitting them and 36 incorporated into the health record within two weeks after receipt by the facility. 37 14.1.4 All entries in the health record shall be the original ink or typed copy of valid copies, kept current, 38 dated, and signed or authenticated. The responsibility for completing the health record rests 39 with the attending physician and the facility administrator. A physician may authenticate the 40 health record by written signature, identifiable initials, computer key, or, under the following 41 conditions, facsimile stamp: 42 (1) The physician whose signature the facsimile stamp represents is the only one who has 43 possession of the stamp and is the only one who uses it; and

(2) The physician places in the medical record office a signed statement to the effect that the

physician is the only one who has the stamp and the only one who will use it.

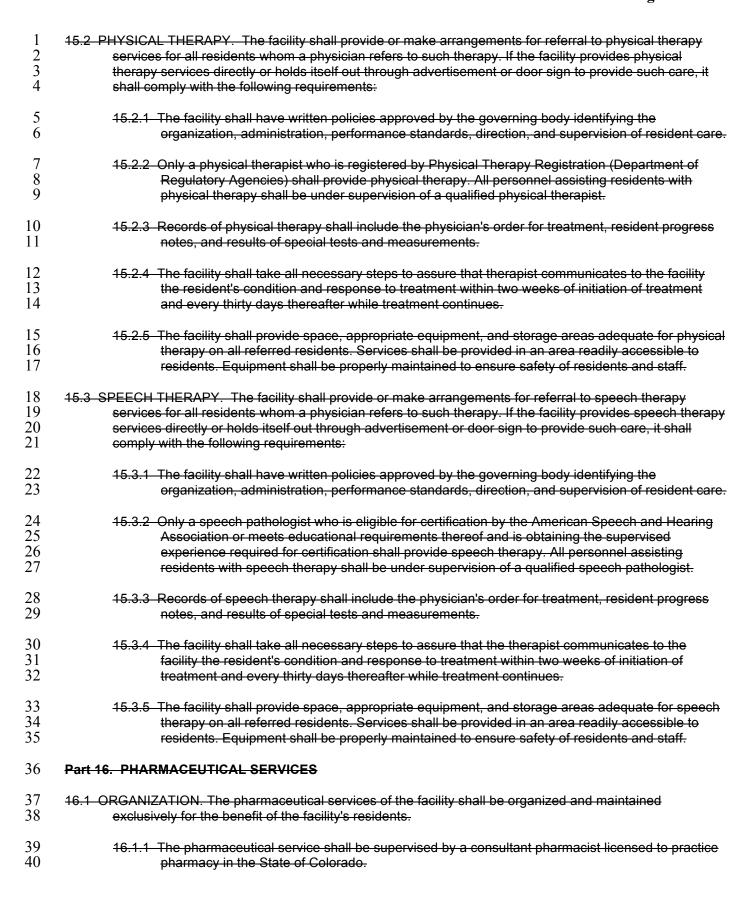
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Page 41 of 123

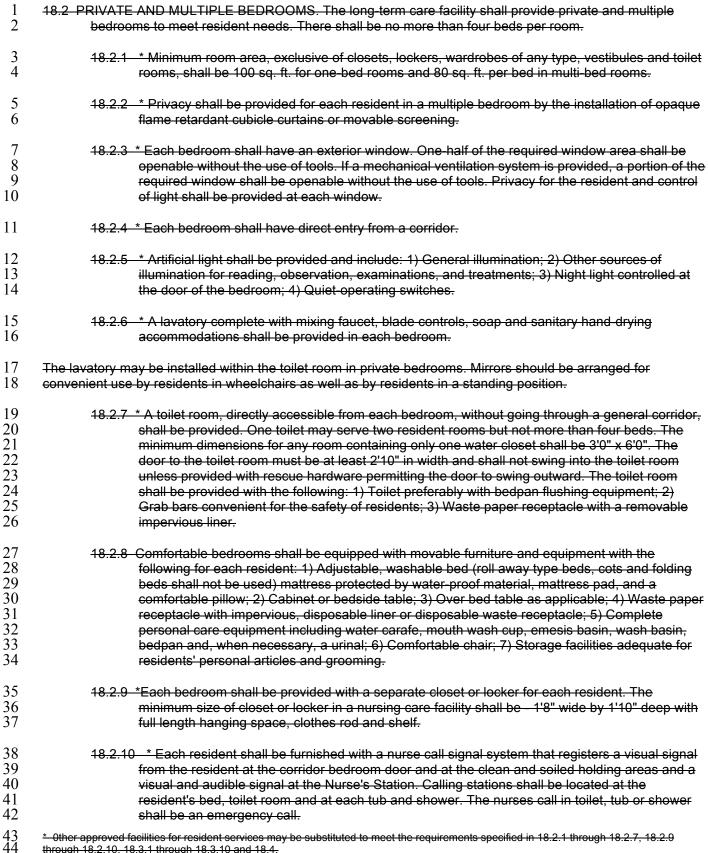
1 2	14.1.5 A completed health record shall be maintained on every resident from the time of admission through the time of discharge. All health records shall contain:
3	(1) Identification and summary sheet that includes:
4 5 6 7 8	(a) resident's name, health record number, social security number, marital status, age, race, home address, date of birth, place of birth, religion, occupation, name of informant and other available identifying sociological data (country of citizenship, father's name, mother's maiden name, military service, if any, and dates),
9	(b) name, address, and telephone number of referral source,
10	(c) name, address, and telephone number of attending physician and dentist,
11	(d) name of next of kin or other responsible person,
12	(e) date and time of admission and discharge,
13	(f) admitting diagnosis, final diagnosis(es), condition on discharge, and disposition, and
14	(g) attending physician's signature.
15	(2) Medical data that includes:
16	(a) medical history,
17 18	(b) medical evaluation reports on admission and thereafter as needed and at least annually,
19	(c) reports of any special examinations, including laboratory and x-ray reports,
20	(d) reports of consultations by consulting physicians, if any,
21	(e) reports from all consulting persons and agencies, if any,
22	(f) reports of special treatments, such as physical or occupational therapy,
23	(g) dental reports, if any,
24 25	(h) treatment and progress notes written and signed by the attending physician at the time of each visit,
26 27 28	(i) authentication of hospital diagnosis(es) in a hospital summary sheet or transfer form when applicable, and a summary of the course of treatment followed in the hospital if the resident is hospitalized,
29 30	(j) physician orders for all medications, treatments, diet, and restorative and special procedures,
31	(k) autopsy protocol, if any, and authorization for autopsy, and
32 33 34	(3) plans and notes of the social service and activities service, including social history, social services assessment/plan, progress notes, activities assessment/plan and activities progress notes;

-	(4) nutritional assessments and progress notes of the dietary service; and
2	(5) reports or accidents or incidents experienced by the resident,
3	(6) Nursing records, dated and signed by nursing personnel, which include the resident
1	assessment required by Section 5.2, all medications and treatments administered,
7	
3	special procedures performed, notes of observations, and the time and circumstances
6	of death.
7	14.2 FACILITIES. The facility shall provide a health record room or other health record accommodation and
8	supplies and equipment adequate for health record functions. Health records shall be maintained and
9	stored safely for confidentiality and protection from loss, damage, and unauthorized use.
10	14.3 PRESERVATION. All health records shall be completed promptly, not later than 30 days following
11	resident discharge, filed, and retained for a period of time consistent with the applicable statute of
12	limitations and the facility's written policies.
13	14.4 STAFFING. A Registered Record Administrator (RRA), Accredited Record Technician (ART), or other
14	employee who is trained in medical records and who has consultation from a registered record
15	administrator or accredited record technician shall be responsible for the custody, supervision, filing,
16	and indexing of completed health records of all residents and for allied health records services.
17	14.5 LONG-TERM CARE FACILITY RECORDS. The facility shall maintain current the following records: 1)
18	daily census including current resident problems and room numbers, 2) admission and discharge
19	analysis records, 3) master resident file, 4) resident number index, and 5) disease index and (6) file of
20	all accident and incident reports, including without limitation, those required by Part 3 of Chapter II.
21	Part 15. OCCUPATIONAL, AND PHYSICAL AND SPEECH THERAPY
22	15.1 OCCUPATIONAL THERAPY. The facility shall provide or make arrangements for referral to occupational
22	15.1 OCCUPATIONAL THERAPY. The facility shall provide or make arrangements for referral to occupational
23	therapy services for all residents whom a physician refers to such therapy. If the facility provides
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23 24 25	therapy services for all residents whom a physician refers to such therapy. If the facility provides occupational therapy services directly, it shall comply with the following requirements: 15.1.1 The facility shall have written policies approved by the governing body identifying the organization, administration, performance standards, direction, and supervision of resident care.
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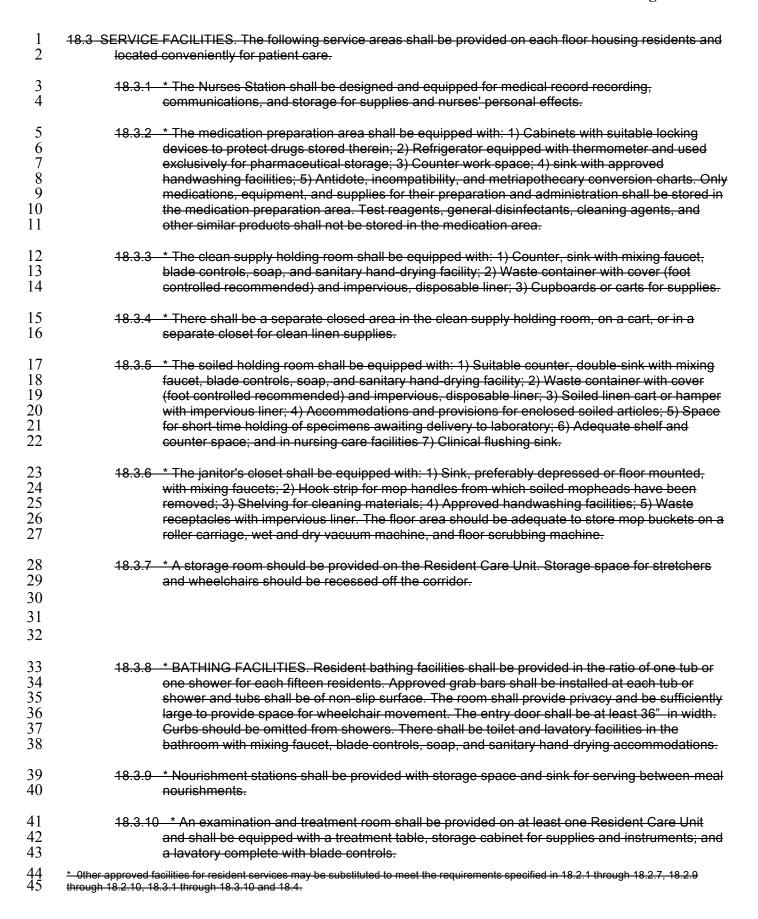


1 2	16.1.2 All compounding and dispensing shall be from a pharmacy licensed by the Colorado Board of Pharmacy in accordance with all pharmacy laws and regulations.
3 4	16.2 ADVISORY COMMITTEE. The facility shall establish a pharmaceutical advisory committee, including a registered nurse, the consulting pharmacist and the medical advisor, to assist in the formulation of
5	broad professional policies and procedures relating to pharmaceutical service in the facility.
6	16.3 DRUG REQUISITION AND STORAGE POLICIES. The facility shall designate in written policies approved
7	by the governing body the person authorized to requisition, receive, control, and manage drugs.
8	16.3.1 Resident drugs shall be obtained from a licensed pharmacy on an individual prescription basis
9	for each resident.
0	16.3.2 Unless the facility uses a unit dose system, each resident drug shall be stored in individual,
. 1	originally received containers or "blister" or "bubble" cards that are clearly and legibly labeled
2	with the name, strength, dosage, frequency and mode of administration, date of issue and
.3	expiration of the drug; physician's name; name, address, and telephone number of the
4	dispensing pharmacy; and the full name of the resident for whom the drug is prescribed.
5	16.3.3 The facility shall protect each resident's drugs from use by other residents, visitors, and staff.
6	16.4 CONSULTING PHARMACIST. The facility shall contract in writing with a licensed pharmacist to be
7	responsible for all pharmaceutical matters in the facility. The contract shall set forth the fees to be paid
8	for services and the pharmacist's responsibilities, including at least the following:
9	(1) Legal compounding;
20	(2) Prompt dispensing of properly labeled individual resident prescriptions;
21	(3) Inventory control; establishment of necessary records;
22	(4) Periodic inspection of all pharmaceutical supplies and drugs on all resident care units;
23	(5) Provision of an emergency medical kit, which remains the property of a licensed pharmacy
24	approved by the pharmaceutical advisory committee and the Colorado State Board of
25	Pharmacy;
26	(6) Regularly scheduled visits and consultations and at least annual in-service training to staff;
27	(7) Inspection of prescriptions all drugs for proper labeling, proper storage, and drug
28	deterioration or expiration of shelf life;
29	(8) Determination of proper procurement and maintenance of all prescriptions and other drugs;
80	(9) Development of proper accounting procedures for controlled substances and legend drugs;
31	(10) Evaluation of the rule 01 policies of the pharmaceutical advisory committee; and
32	(11) Quarterly reports to the Pharmacy Advisory Committee on the status of pharmacy
33	services.
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36 37	16.5 CONTROLLED SUBSTANCES. Only practitioners authorized under the laws of the State of Colorado and properly registered with the federal government shall prescribe controlled substances, The facility shall

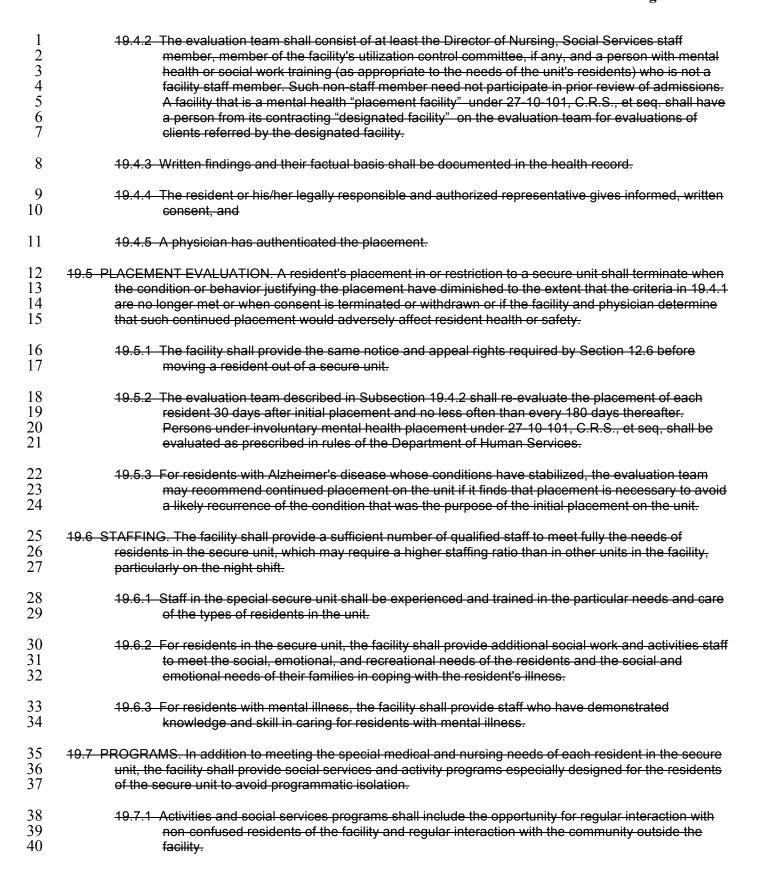
1 comply with all federal and state laws and regulations relating to procurement, storage, administration, 2 and disposal of scheduled drugs. Unless the facility uses a unit dose system, it shall maintain a record 3 on a separate sheet for each resident receiving a scheduled drug, which contains the name of the drug, 4 strength, date, time administered, resident name, dose, physician's name, signature of person 5 administering, and the quantity of the drug remaining. 6 16.6 DISPOSITION OF MEDICATIONS 7 16.6.1 If controlled substances (Schedules 2 through 5) are being held by a facility on behalf of a 8 resident and the controlled substances are no longer needed, the facility shall conduct on site 9 destruction of the controlled substances as follows: 10 (1) The facility shall properly inventory the destruction and keep the inventory copy on file for at 11 least two years. 12 (2) At least the administrator or designee, the supervisory nurse, and the consulting pharmacist 13 shall witness each destruction and sign the destruction inventory. 14 (3) The destruction shall be performed in a manner that renders the controlled substances 15 totally irretrievable. 16 16.6.2 Except for medications returned to a pharmacist or transferred to a relief agency as provided 17 under 6 CCR 1011-1, Chapter II, Subpart 7.200 Donation of Unused Medications, Medical 18 Devices, and Medical Supplies, all prescriptions and other drugs (except controlled substances) 19 remaining upon death or discharge shall be destroyed by the administrator, a registered nurse, 20 and a pharmacist who shall record the quantity of the drugs destroyed. 21 16.7 MEDICATION RELEASE. The facility staff shall release medications to a resident only upon written 22 physician authorization. 23 16.8 RESIDENT DRUG PROFILE RECORD. The dispensing pharmacist shall maintain drug profile records on 24 each resident for whom he or she dispenses medications. 25 Part 17. DIAGNOSTIC SERVICES 26 17.1 POLICIES. The facility shall establish and follow policies for obtaining clinical laboratory, x-ray, and other 27 diagnostic services. 28 17.2 PHYSICIAN ORDERS. Diagnostic services shall be provided only on the order of the attending physician 29 or dentist. 30 17.3 TRANSPORTATION. The facility shall assist residents to make arrangements for transportation of 31 residents and/or laboratory specimens to and from the source of diagnostic services. 32 17.4 REPORTS. All diagnostic reports shall be included in the resident's health record within thirty days of the 33 time the facility receives them. 34 Part 18. RESIDENT CARE UNIT 35 36 18.1 RESIDENT CARE UNIT. A resident care unit means a designated area of a long-term care facility 37 consisting of a bedroom or a grouping of bedrooms with supporting facilities and services that are 38 planned, organized, operated, and maintained to provide adequate nursing and supportive care of not 39 more than sixty residents.



^{*} Other approved facilities for resident services may be substituted to meet the requirements specified in 18.2.1 through 18.2.7, 18.2.9 through 18.2.10, 18.3.1 through 18.3.10 and 18.4.



1 2	18.4 * PERSONNEL TOILET FACILITIES. Toilet facilities shall be provided for personnel on each Resident Care Unit.
3	* Other approved facilities for resident services may be substituted to meet the requirements specified in 18.2.1 through 18.2.7, 18.2.9 through 18.2.10, 18.3.1 through 18.3.10 and 18.4.
5 6 7 8	18.5 EMERGENCY EQUIPMENT AND SUPPLIES. The following shall be readily available at all times: 1) Oxygen; 2) Suction; 3) Portable emergency equipment, supplies and medications; and in nursing care facilities 4) Compatible supplies and equipment for immediate intravenous therapy to be administered only in accordance with applicable Colorado laws.
9	18.6 THERMOMETER. A disinfected thermometer shall be used each time a resident's temperature is taken.
10	18.7 DRESSINGS. There shall be individual resident equipment and supplies for changing dressings.
11	Part 19. SECURE UNITS
12 13 14	19.1 COMPLIANCE. Any facility that has one or more units that are secured to prohibit free egress of residents shall comply with the standards in this Part in addition to all other applicable requirements of this chapter.
15 16 17	19.2 MENTAL HEALTH FACILITIES. Any facility that is a "designated" or "placement" facility under 27-10-101 C.R.S., et seq, shall comply with the regulations of the Department of Human Services. In the case of conflicting regulations, the stricter shall apply.
18	19.3 ADMISSIONS.
19 20 21 22	19.3.1 Residents on a secure unit shall be placed so as to insure that those placed in the unit because they are dangerous to self or wander out of the building and are unable to return on their own are protected from harm by residents who are a danger to others or whose behavior seriously disrupts the rights of other residents.
23 24	19.3.2 Placement on a secure unit shall not be used for the punishment of a resident or the convenience of the staff and shall be the least restrictive alternative available.
25	19.3.3 A facility shall have written programs to treat residents whom it admits, as required by 19.7.
26 27	19.3.4 Residents of a secure unit shall be allowed to have visitors on the unit. Residents of the facility may participate in organized activities on the unit.
28 29	19.4 PRE ADMISSION SCREENING AND PLACEMENT. The facility shall not place a resident into a secure unit unless the requirements of this section are met:
30	19.4.1 An evaluation team finds, based on available evidence, that:
31	(1) the resident is a serious danger to self or others, or
32 33	(2) the resident habitually wanders or would wander out of buildings and is unable to find the way back, or
34 35	(3) the resident has a significant behavior problem that seriously disrupts the rights of other residents; and in all cases
36	(4) less restrictive alternatives have been unsuccessful in preventing harm to self or others; and
37	(5) legal authority for such restrictive authority has been established.



1 2 3	19.7.2 Residents of the secure unit may not be locked into or out of their rooms, except that facilities that are "designated" or "placement" facilities under 27-10-101, C.R.S. et seq, may use seclusion under procedures prescribed by Department of Human Services' regulations.
4 5 6	19.8 PHYSICAL FACILITIES. In addition to the physical plant requirements of these regulations, the facility shall provide at least 10 square feet per resident (excluding hallways) of common areas within the secure unit.
7 8	19.8.1 The facility shall identify its method for securing the unit and establish and implement procedures for monitoring the effectiveness of the security system.
9 10	19.8.2 Any facility that has an outside area or yard that residents in the non-secure areas of the facility may use shall establish a secure outside area for residents of the secure unit.
11 12 13	19.8.3 In accordance with 6 CCR 1011-1, Chapter II, Part 4, a facility may seek a waiver from the standards required in Part 18 of this Chapter that may be detrimental to resident needs, safety, or health.
14	Part 20. HOUSEKEEPING SERVICES
15 16	20.1 ORGANIZATION. Each facility shall establish an organized housekeeping service that keeps the facility clean and orderly and free from odor resulting from poor housekeeping practices.
17 18	20.1.1 The facility shall provide a sufficient number of housekeeping personnel and adequate equipment.
19 20	20.1.2 Deodorizers shall not be used to cover up odors caused by unsanitary conditions, poor nursing care, or housekeeping practices.
21 22	20.2 EQUIPMENT AND SUPPLIES. Suitable equipment and supplies shall be provided for cleaning of all surfaces. Such equipment shall be maintained in a safe, sanitary condition.
23 24	20.3 DISINFECTANTS. Disinfectants shall be only those registered by the manufacturer with the United States Environmental Protection Agency and shall be stored in a manner approved by the Department.
25 26	20.4 STORAGE, Storage areas, attics, and cellars shall be kept safe and free from accumulations of extraneous materials such as refuse, discarded furniture, and old newspapers.
27	20.4.1 Combustibles such as cleaning rags and compounds shall be kept in closed metal containers.
28 29 30 31 32	20.4.2 Cleaning compounds and other hazardous substances (including products labeled "Keep out of reach of children" on their original containers) shall be clearly labeled to indicate contents and (except when a staff member is present) shall be stored in a location sufficiently secure to deny access to confused residents. Janitors' rooms used for storing disinfectants and detergent concentrates, caustic bowl and tile cleaners, and insecticides shall be locked.
33 34	20.4.3 Paper towels, tissues, and other absorbent paper goods shall be stored in a manner that prevents their contamination prior to use.
35 36	20.5 CLEANING METHODS. Cleaning shall be performed in a manner to minimize the spread of pathogenic organisms. Floors shall be cleaned regularly.
37 38	20.6 FLOOR SURFACES. Uncarpeted floors and adjacent base coving shall be maintained to provide a smooth, continuous, washable surface that is free of discoloration or staining. Polishes applied to

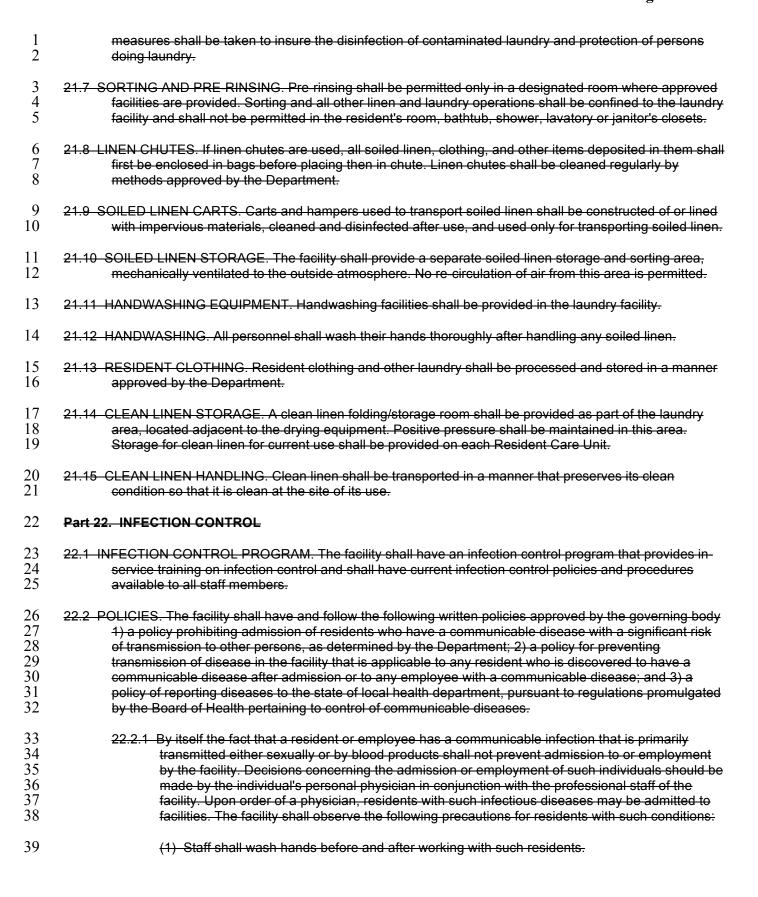
1 uncarpeted floors shall provide a nonslip surface; throw or scatter rugs shall not be used except for 2 nonslip entrance mats. 3 20.7 HANDWASHING. All personnel shall wash their hands thoroughly after handling waste products. 4 20.8 TRAINING AND SUPERVISION. Housekeeping personnel shall receive adequate supervision. Frequent 5 in-service training programs shall be provided for housekeeping personnel. 6 20.9 POISON CONTROL. The facility shall maintain at each nurses' station a current list of potentially 7 hazardous substances in regular use by housekeeping and other staff and the name, manufacturer, 8 EPA registration number, notation of where used and by whom, where stored, cautionary information, 9 antidote if any, and phone number of the poison control center. 10 Part 21. LINEN AND LAUNDRY 11 21.1 LAUNDRY FACILITIES. Laundry facilities and/or contract with commercial laundry shall be provided with 12 the necessary washing, drying, and ironing equipment having sufficient capacity to process a 13 continuous seven-day supply based on ten pounds of dry laundry per bed per day. Laundry equipment 14 shall meet all safety and sanitary requirements. The equipment shall be designed and installed to 15 comply with all state and local laws. Laundry equipment, processing, and procedures shall render soiled 16 linen and patient clothing clean and free from detergent, soap, and other chemical residues. 17 21.1.1 Laundry facilities and operations shall be located in an area separated from Resident Care 18 Units. 19 20 21 21.1.2 In facilities constructed after the effective date of these regulations, there shall be proper 22 spacing and placing of the equipment to minimize material transportation and operation, to 23 avoid all cross traffic between clean and soiled linen, to provide balance of operations, and to 24 provide storage between operations. The general air movement shall be from the cleanest 25 areas to the most contaminated areas. Soiled laundry shall be processed frequently enough to 26 prevent excessive unsanitary accumulations. 27 21.2 WASHING TEMPERATURE. The temperature of water during the washing and hot rinsing process shall 28 29 be a minimum of 130 degrees F and for a combined period of time of at least 25 minutes, and the detergent shall be compatible with the wash cycle and temperature (as evidenced by purveyor 30 statement or literature kept for inspection). Washers shall not be overloaded so as to limit adequate 31 movement of contents and flow of water through the fabrics. 32 21.3 COMMERCIAL LAUNDRY SERVICES. If laundry facilities are not provided entirely within the facility there 33 shall be a written contract between the facility and a commercial laundry service that provides for 34 compliance with Section 21.2. 35 21.4 RESIDENT LINEN SUPPLY. Linen supply (top and bottom sheets, pillowcases, washcloths, bath and face 36 towels) shall be at least three complete changes times the number of licensed beds. All linens shall be 37 maintained clean, in good repair. 38 21.5 SOILED LINEN HANDLING. In removing and handling soiled linen from a bed, there shall be minimal 39 shaking of the linen. Soiled linen, including blankets, shall be placed in bags tightly closed before 40 removal from a bedroom. The bags shall remain closed, shall be removed from the Resident Care Unit 41 at least every eight hours.

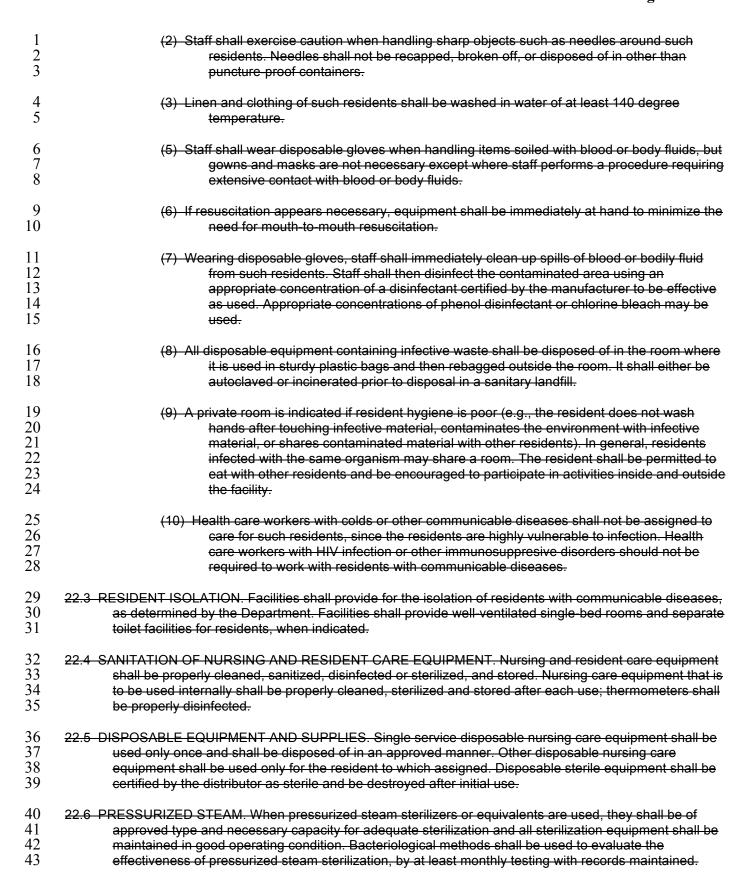
21.6 INFECTIOUS DISEASE LINEN. All linens and blankets from residents with infectious disease shall be

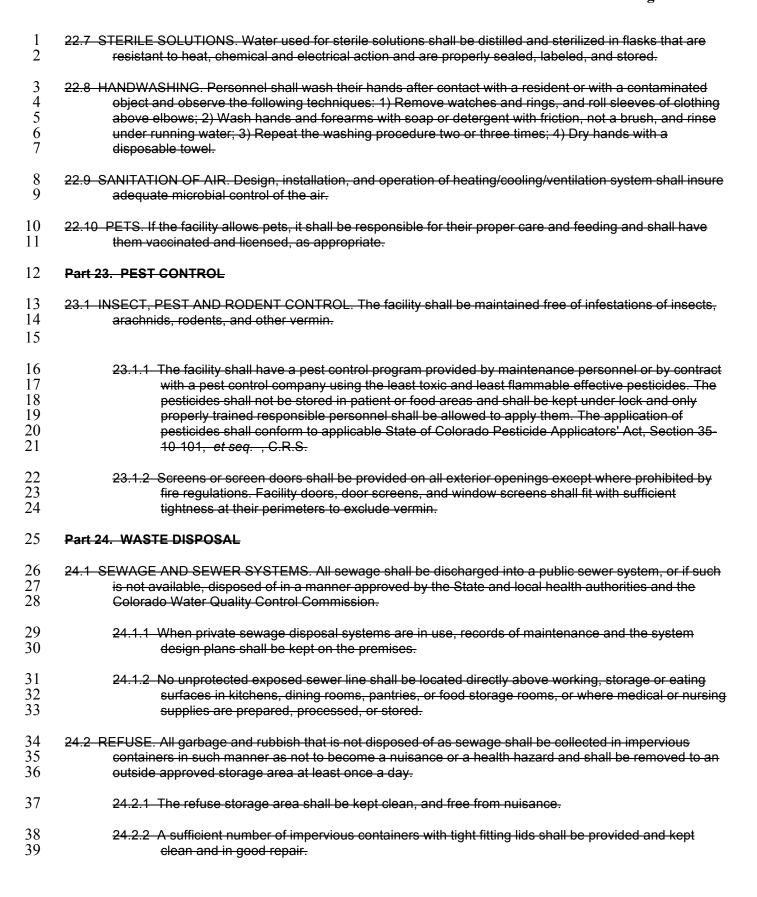
placed in special bags identified "contaminated" and transported in these closed bags. Special

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24.3 REFUSE CART. Carts used to transport refuse shall be constructed of impervious materials, enclosed, used solely for refuse, and maintained in a sanitary manner.

24.4 INCINERATORS. Incinerators shall comply with state and local air pollution regulations and be so constructed as to prevent insect and rodent breeding and harborage. The facility shall obtain a permit to operate an incinerator from the State Air Pollution Control Division and maintain the permit on file. [Eff. 04/30/2009]

Part 25. PHYSICAL PLANT STANDARDS

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25.1 COMPLIANCE WITH FGI GUIDELINES. Effective July 1, 2013, all long term care nursing facilities shall be constructed in conformity with the standards adopted by the Director of the Division of Fire Prevention and Control (DFPC) at the Colorado Department of Public Safety. For construction initiated or systems installed on or after July 1, 2013, that affect patient health and safety and for which DFPC has no applicable standards, each facility shall conform to the relevant section(s) of the Guidelines for Design and Construction of Health Care Facilities, (2010 Edition), Facilities Guidelines Institute. The Guidelines for Design and Construction of Health Care Facilities, (2010 Edition), Facilities Guidelines Institute (FGI), is hereby incorporated by reference and excludes any later amendments to or editions of the Guidelines. The 2010 FGI Guidelines are available at no cost in a read only version at: http://openpub.realread.com/rrserver/browser?title=/FGI/2010 Guidelines

Part 26. RELIGIOUS TREATMENT EXCLUSIONS

- 26.1 EXCEPTION OF CERTAIN FACILITIES. Nothing in this Part applies to any nursing facility conducted by or for the adherents of any well-recognized church or religious denomination for the purpose of providing facilities for the care and treatment of the sick who depend exclusively upon spiritual means through prayer for healing in the practice of the religion of such church or denomination
- 23 26.2 EXCEPTION FOR RELIGIOUS BELIEFS. Nothing in this chapter authorizes the Department to impose on a resident any mode of treatment inconsistent with the resident's religious belief.

Part 27. MEDICAID CERTIFICATION STANDARDS

27.1 For the purpose of fulfilling its facility certification responsibilities as the State Survey Agency pursuant to the requirements of Title XIX (Medicaid) of the Social Security Act (42 U.S.C. Section 1396(a), et seq.) and the Colorado Medical Assistance Act, Section 25.5-4-104, et seq. , C.R.S., the Department shall apply and enforce the Skilled Nursing Facility and Intermediate Care Facility certification standards of the U.S. Department of Health and Human Services as those standards presently exist pursuant to Title XIX. (These standards are presently contained in Title 42 of the Code of Federal Regulations (C.F.R.)).

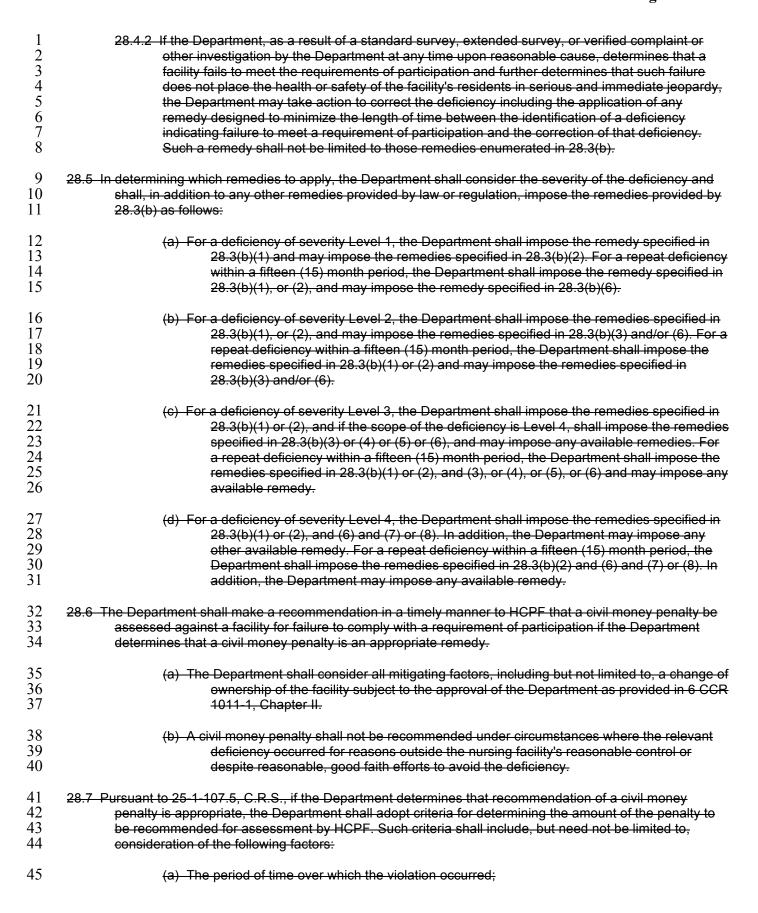
Part 28. ENFORCEMENT REMEDIES

- 28.1 Sections 25-2-107.5 and 25.5-6-205, C.R.S. provide the authority for the Department to recommend to the Department of Health Care Policy and Financing that a civil money penalty imposed against a nursing facility that violates federal regulations for participation in the Medicaid program as enumerated in 42 USC 1396r(h) (2006).
- 28.2 Collection, enforcement, and assessment of a civil money penalty pursuant to this chapter and the denial of Medicaid payments, shall be the responsibility of the Department of the Health Care Policy and Financing and shall be made upon recommendation of the Department of Public Health and Environment pursuant to section 25.5-6-205, C.R.S.
- 41 28.3 Definitions. For purposes of this part, the following definitions shall apply:

2	(a) "Deticiency" or "violation" means any failure to comply with a requirement of participation for which the facility is required to take some form of corrective action.
3 4 5 6 7 8	(b) "Enforcement remedy or remedies" means any remedy or combination of remedies, in accordance with 42 USC 1396r(h) and sections 25-1-107.5 and 25.5-6-205, C.R.S., which may be imposed by the Department or recommended by the Department for imposition by the Department of Health Care Policy and Financing against any nursing facility which fails to meet any one of the enumerated requirements for participation in the Medicaid program. Remedies include, but are not limited to:
9	(1) a plan of correction,
10	(2) a directed plan of correction,
11	(3) monitoring of a facility by the state survey agency,
12	(4) full or partial bans on admissions,
13 14 15	(5) denial of payment under the state Medicaid plan with respect to any individual admitted to the nursing facility involved after such notice to the public and the facility as may be provided for by law,
16	(6) civil money penalties,
17	(7) temporary management,
18	(8) termination of the facility's participation under the state plan, and
19	(9) receivership as provided by section 25-3-108, C.R.S.
20	(c) "HCPF" means the Colorado Department of Health Care Policy and Financing.
21 22	(d) "Nursing facility" means any skilled or intermediate nursing care facility which receives federal and state funds under the Title XIX of the federal Social Security Act.
23 24	(e) "Nursing Home Penalty Cash Fund" means the fund created pursuant to section 25.5-6-205, C.R.S.
25 26 27	(f) "Plan of correction" means a written plan prepared by the facility and approved by the department that describes the actions the facility will take to correct noted deficiencies and specifically sets the date the corrective action will be accomplished.
28 29 30 31	(g) "Requirements of participation" means those requirements of participation in the medicaid program as enumerated in 42 USC 1396r (h) of the federal Omnibus Budget Reconciliation Act of 1987, 1989, and 1990, regulations promulgated pursuant to those acts, and section 25-1-107.5, C.R.S.
32	(h) "Secretary" means the secretary of the federal department of Health and Human Services.
33 34	(i) "Scope" means the frequency of the occurrence of the deficiency in one of the following levels:
35	(1) Level 1. The deficiency exists in only one or a limited number of cases.

Page 57 of 123

1 (2) Level 2. The deficiency exists in more than a limited number of cases, but no 2 pattern can be identified. 3 (3) Level 3. The deficiency exists in more than a limited number of cases and indicates 4 a pattern. 5 (4) Level 4. The deficiency occurs in sufficient number among residents or staff or with 6 sufficient regularity that it can be considered systemic/pervasive. 7 (i) "Severity" means the seriousness of the deficiency in one of the following levels: 8 (1) Level 1. Any deficiency not meeting the criteria for Levels 2, 3, or 4. 9 (2) Level 2. Any deficiency which may result in a negative outcome to the resident or 10 residents. 11 (3) Level 3. Any deficiency which has resulted in a negative outcome to the resident or 12 residents. 13 (4) Level 4. Any deficiency which has a high probability that serious harm or serious 14 injury to residents could occur at any time, or already has occurred and may 15 well occur again if residents are not protected effectively from the harm, or the 16 threat is not removed. 17 (k) "Temporary management" means the temporary utilization of a substitute manager 18 pursuant to either an agreement between the licensee and the department or pursuant 19 to section 25-3-108, et seg., C.R.S. 20 (I) "Negative outcome" means that the impact of the facility's deficient practice on the resident 2.1 or residents is: 22 (1) The physical, mental or psychosocial deterioration of the resident or residents, or 23 (2) The ability of the resident or residents to achieve the highest practicable physical, 24 mental, or psychosocial well-being has been compromised. 25 (m) "Repeat deficiency" means a subsequent deficiency with comparable circumstances or the 26 same tag number, unless the department determines that the circumstances of the 27 previous deficiency are so dissimilar that it would not be proper to consider the 28 deficiency to be a repeat. 29 28.4 If the Department, as a result of a standard survey, extended survey, or verified complaint or other 30 investigation by the Department at any time upon reasonable cause, determines that a facility fails to 31 meet the requirements of participation as defined herein and further determines that such failure places 32 the health or safety of the facility's residents in serious and immediate jeopardy, the Department shall 33 take immediate action to remove such jeopardy and correct the deficiency, by either: 34 (a) temporary management, or 35 (b) termination of the facility's participation in the state plan. 36 28.4.1 In addition to the action taken pursuant to 28.4, the Department may apply any other remedy as provided by law or regulation.



Page 59 of 123

1	(b) The frequency of the violation;
2 3	(c) The nursing facility's history concerning the type of violation for which the penalty is assessed;
4	(d) The nursing facility's intent or reason for the violation;
5 6	(e) The effect, if any, of the violation on residents' health, safety, security, or welfare; i.e., severity;
7 8	(f) The existence of other violations, in combination with the violation for which the penalty is assessed, which increase the threat to residents' health, safety, security, or welfare;
9 10	(g) The accuracy, thoroughness and availability of records regarding the violation which the nursing facility is required to maintain; and
11 12	(h) The number of additional related violations occurring within the same time span as the violation in question.
13 14 15	28.7.1 In determining the amount of a civil money penalty, multiple violations of different requirements of participation resulting from a single act shall be considered as one violation. However, this shall not preclude their consideration under 28.7(f) or (h) above.
16 17 18 19	28.7.2 Any civil money penalty which is recommended to HCPF for imposition by that Department shall be not less than \$100 nor more than \$10,000 for each day the facility is found to have been in violation of the federal regulations. Penalties assessed shall include interest at the statutory rate.
20 21 22 23 24 25 26	28.7.3 Any such civil money penalty shall accrue from the date the facility receives written notice from the Department regarding its recommendation of a civil money penalty. In the event the Department determines that a violation is life threatening to one or more residents or creates a direct threat or serious adverse harm to the health, safety, security, rights or welfare of one or more residents, a penalty shall be imposed for each day the deficiencies which constitute the violation are found to exist. The period of time during which the civil money penalty accrues shall be as follows:
27	(a) No longer than six (6) months in the case of non-serious or non-immediate threat.
28 29	(b) Until the Department verifies the deficiency is corrected or the facility notifies the Department that the deficiency is corrected, whichever is earlier.
30 31 32 33	(1) If the facility acts in a timely and diligent manner to correct the violation in accordance with a plan of correction as agreed to by the Department, the Department shall recommend to HCPF that the penalty be suspended or reduced for the period of the plan of correction.
34 35 36	(2) In the event the facility has not corrected the violation, pursuant to the notice provided by the facility, the penalty shall be reinstated at an increased amount retroactive to the date the penalty was tolled.
37 38 39 40	(3) For the purposes of this provision, the plan of correction must contain a reasonable and appropriate plan of action and timetable to completely correct the deficiency. This provision (plan of correction) shall not apply in cases of repeat deficiencies or those with a severity level of 4.

Page 60 of 123

1 28.8 The Department shall notify the facility, by personal service, first class mail, or electronic transmission 2 3 4 ("fax"), of its recommendation of the imposition of a civil money penalty and the amount of any such penalty not later than the fifth day following the last day of the inspection or survey on which the deficiencies which constitute the violation were found. The notice shall explain the deficiencies that are 5 6 the basis for the recommendation and shall provide instructions for responding to the notice, including that the facility submit a written plan of correction. 7 8 28.8.1 After notice pursuant to 28.8 above, a facility may notify the Department of the correction of the 9 deficiency for which the civil money penalty is being recommended. Such initial notice to the 10 Department may be given by telephone, electronic transmission ("fax"), or in person, but shall 11 be documented by a writing postmarked within five (5) business days of the initial notification to 12 the Department. 13 28.8.2 It shall be the responsibility of HCPF pursuant to section 25.5 6-205, C.R.S., to provide for an 14 appeal process for any facility which has a civil money penalty assessed against it for failure to 15 meet a requirement of participation. 16 28.9 If a facility fails to correct a deficiency or deficiencies within three (3) months after the date the facility is 17 found by HCPF to be out of compliance with a requirement of participation pursuant to 25-1-107.5, 18 C.R.S., the Department shall recommend to HCPF denial of payment under the state plan with respect 19 to any individual admitted to the facility. involved after such notice to the public and the facility as is 20 provided for by the state. 21 28.10 If a facility has provided a substandard quality of care to the residents as evidenced by three consecutive 22 23 standard surveys, the Department shall take the actionS set forth in (a) and (b) below and may take any such additional action allowed by statute or regulation, including recommending that a civil money 24 penalty be imposed by HCPF. 25 (a) Recommend to HCPF that payment be denied under the state plan with regard to any 26 individual admitted to the facility involved after such notice to the public and to the $\overline{27}$ facility as may be provided for by the state; and 28 (b) Monitor the facility until such time as it has demonstrated to the satisfaction of the 29 Department that it is in compliance with the requirements and that it has the 30 management capacity to remain in compliance. 31 28.11 Nothing in this Part shall preclude the Department from recommending alternative remedies as provided 32 by law so long as such remedy or remedies are deemed to be at least as effective in correcting the 33 violation and deterring future violations as those remedies enumerated in the federal Omnibus Budget 34 Reconciliation Act of 1987, 1989, and 1990, 42 USC 1396r(h). 35 28.11.1 Nothing in this Part shall be construed as limiting, negating, or superseding any other remedy 36 37 available for use by the Department to correct a deficiency or deficiencies. In recommending or selecting a particular remedy, the primary consideration shall be the selection of the remedy or 38 remedies most likely to achieve correction of the relevant deficiency and long term compliance. 39 28.12 The Department shall, in conjunction with HCPF, establish circumstances under which the funds of the 40 Nursing Home Penalty Cash Fund may be disbursed in order to protect the health or property of 41 residents. Those circumstances shall include, but not be limited to, the following: 42 (a) relocating residents to other facilities if necessary; 43 (b) maintaining the operation of a facility pending completion of a plan of correction or directed 44 plan of correction;

Page 59 of 123

1	(c) maintaining the operation of a facility pending closure; and
2	(d) reimbursing residents for personal funds lost.
3 4	28.12.1 Neither the Department nor HCPF may use money from the Nursing Home Penalty Cash Fund to pay the costs of administration of those departments.
5 6 7	28.12.2 At the end of the fiscal year, all unexpended and unencumbered moneys remaining in the Nursing Home Penalty Cash Fund must remain in the fund and may not be transferred or credited to the general fund.
8	Part 29. LICENSING FEES
9 10	29.1 All license fees are non-refundable. The total fee shall be submitted with the appropriate license application.
11	29.2 Initial license \$6,000 per facility.
12	29.3 Renewal license - Effective April1, 2011, the annual renewal fee shall be as follows.
13	Medicare and/or Medicaid certified facility: \$1,600 base fee plus \$8 per bed.
14	Non-certified facility: \$3,480 base fee plus \$8 per bed.
15 16	29.4 Change of ownership - Change of ownership shall be determined in accordance with the criteria set forth in 6 CCR 1011-1, Chapter II, Part 2. The fee shall be \$6,000 per facility.
17 18 19	29.5 Opening a secure unit - A facility that wishes to open a secure unit shall submit a fee of \$1,600 in addition to any other applicable license fees.
17	

- 1 DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
- 2 Health Facilities and Emergency Medical Services Division
- 3 STANDARDS FOR HOSPITALS AND HEALTH FACILITIES: CHAPTER 5 NURSING CARE FACILITIES
- 4 6 CCR 1011-1 Chap 05

5 TABLE OF CONTENTS

- 7 SECTION 1 STATUTORY AUTHORITY AND APPLICABILITY
- 8 Section 2 Definitions
- 9 Section 3 Governing Body
- 10 Section 4 Facility Administration
- 11 SECTION 5 ADMISSIONS
- 12 Section 6 Personnel
- 13 SECTION 7 RESIDENT CARE
- 14 Section 8 Medical Care Services
- 15 Section 9 Nursing Services
- 16 Section 10 Social Services
- 17 Section 11- Resident Engagement
- 18 Section 12 Dental Services
- 19 SECTION 13 DIETARY SERVICES
- 20 Section 14 Feeding Assistants
- 21 Section 15 Resident Rights
- 22 Section 16 Emergency Services
- 23 Section 17 Health Information Records
- 24 SECTION 18 OCCUPATIONAL, PHYSICAL AND SPEECH THERAPY
- 25 Section 19 Pharmaceutical Services
- 26 Section 20 Diagnostic Services
- 27 SECTION 21 PHYSICAL PLANT STANDARDS
- 28 Section 22 Resident Care Unit
- 29 SECTION 23 SECURE ENVIRONMENT
- 30 Section 24 Housekeeping Services
- 31 Section 25 Linen And Laundry
- 32 Section 26 Infection Control
- 33 Section 27 Pest Control
- 34 SECTION 28 WASTE DISPOSAL
- 35 Section 29 Religious Treatment Exclusions
- 36 Section 30 Medicaid Certification Standards
- 37 Section 31 Enforcement Activities
- 38 Section 32 Licensing Fees

Page 61 of 123

1 **SECTION 1 - STATUTORY AUTHORITY AND APPLICABILITY** 2 1.1 THE STATUTORY AUTHORITY FOR THE PROMULGATION OF THESE RULES IS SET FORTH IN SECTIONS 25-1-107.5. 3 25-1.5-103 AND 25-3-101, ET SEQ., C.R.S. 4 1.2 A NURSING CARE FACILITY SHALL COMPLY WITH ALL APPLICABLE FEDERAL AND STATE STATUTES AND 5 REGULATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: 6 A) THIS CHAPTER 5; 7 B) 6 CCR 1011-1, CHAPTER 2, GENERAL LICENSURE STANDARDS; 8 C) 6 CCR 1010-2, COLORADO RETAIL FOOD ESTABLISHMENTS; AND 9 D) 6 CCR 1007-2, PART 1, REGULATIONS PERTAINING TO SOLID WASTE SITES AND FACILITIES, 10 SECTION 13, MEDICAL WASTE. 11 1.3 THIS REGULATION INCORPORATES BY REFERENCE (AS INDICATED WITHIN) MATERIAL ORIGINALLY PUBLISHED 12 ELSEWHERE. SUCH INCORPORATION, HOWEVER, EXCLUDES LATER AMENDMENTS TO OR EDITIONS OF THE 13 REFERENCED MATERIAL. PURSUANT TO SECTION 24-4-103 (12.5), C.R.S., THE HEALTH FACILITIES AND 14 EMERGENCY MEDICAL SERVICES DIVISION OF THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND 15 ENVIRONMENT MAINTAINS COPIES OF THE INCORPORATED TEXTS IN THEIR ENTIRETY WHICH SHALL BE AVAILABLE 16 FOR PUBLIC INSPECTION DURING REGULAR BUSINESS HOURS AT: 17 18 COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT 19 HEALTH FACILITIES AND EMERGENCY MEDICAL SERVICES DIVISION 20 4300 CHERRY CREEK DRIVE SOUTH

DEPOSITORY LIBRARY. COPIES OF THE INCORPORATED MATERIALS HAVE BEEN SENT TO THE STATE PUBLICATIONS DEPOSITORY AND DISTRIBUTION CENTER, AND ARE AVAILABLE FOR INTERLIBRARY LOAN.

SECTION 2 - DEFINITIONS

21

22

23

24

27

28 AT-RISK ELDER MEANS A PERSON AGE 70 AND OLDER.

DENVER, COLORADO 80246-1530

PHONE: 303-692-2800

- 29 DEPARTMENT MEANS THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT.
- 30 DESIGNATED FACILITY MEANS AN AGENCY THAT HAS APPLIED AND BEEN APPROVED BY THE DEPARTMENT OF HUMAN
- 31 SERVICES TO PROVIDE MENTAL HEALTH SERVICES.
- 32 ENFORCEMENT ACTIVITY MEANS THE IMPOSITION OF REMEDIES SUCH AS CIVIL MONEY PENALTIES; APPOINTMENT OF A
- 33 RECEIVER OR TEMPORARY MANAGER; CONDITIONAL LICENSURE; SUSPENSION OR REVOCATION OF A LICENSE; A DIRECTED

CERTIFIED COPIES OF MATERIAL WILL BE PROVIDED BY THE DIVISION, AT COST, UPON REQUEST. ADDITIONALLY,

ANY MATERIAL THAT HAS BEEN INCORPORATED BY REFERENCE MAY BE EXAMINED IN ANY STATE PUBLICATIONS

- PLAN OF CORRECTION; INTERMEDIATE RESTRICTIONS OR CONDITIONS, INCLUDING RETAINING A CONSULTANT,
- 35 DEPARTMENT MONITORING OR PROVIDING ADDITIONAL TRAINING TO EMPLOYEES, OWNERS OR OPERATORS; OR ANY
- 36 other remedy provided by state or federal law or as authorized by federal survey, certification, and
- 37 ENFORCEMENT REGULATIONS AND AGREEMENTS FOR VIOLATIONS OF FEDERAL OR STATE LAW.
- 38 GOVERNING BODY MEANS THE INDIVIDUAL, GROUP OF INDIVIDUALS OR CORPORATE ENTITY THAT HAS ULTIMATE
- 39 AUTHORITY AND LEGAL RESPONSIBILITY FOR THE OPERATION OF THE FACILITY.

- 1 MEDICAL DIRECTOR MEANS A PHYSICIAN WHO OVERSEES THE MEDICAL CARE AND OTHER DESIGNATED CARE AND
- 2 SERVICES IN THE FACILITY.
- 3 Non-Physician Practitioner means a physician assistant or advance practice nurse (i.e., nurse
- 4 PRACTITIONER OR CLINICAL NURSE SPECIALIST).
- 5 Nursing Care Facility means a licensed health care entity that is planned, organized, operated and
- 6 MAINTAINED TO PROVIDE SUPPORTIVE, RESTORATIVE AND PREVENTATIVE SERVICES TO PERSONS WHO, DUE TO PHYSICAL
- 7 AND/OR MENTAL DISABILITY, REQUIRE CONTINUOUS OR REGULAR INPATIENT NURSING CARE.
- 8 PLACEMENT FACILITY MEANS A PUBLIC OR PRIVATE NURSING CARE FACILITY THAT HAS A WRITTEN AGREEMENT WITH A
- 9 DESIGNATED FACILITY TO PROVIDE CARE AND TREATMENT TO ANY INDIVIDUAL UNDERGOING MENTAL HEALTH EVALUATION
- 10 OR TREATMENT BY THE DESIGNATED FACILITY.
- PRACTITIONER MEANS PHYSICIAN AND NON-PHYSICIAN PRACTITIONER.
- 12 RESIDENT REPRESENTATIVE MEANS AN INDIVIDUAL OF THE RESIDENT'S CHOICE WHO HAS ACCESS TO INFORMATION AND
- 13 PARTICIPATES IN HEALTH CARE DISCUSSIONS OR A PERSONAL REPRESENTATIVE WITH LEGAL STANDING INCLUDING, BUT
- 14 NOT LIMITED TO, POWER OF ATTORNEY; MEDICAL POWER OF ATTORNEY; LEGAL GUARDIAN OR HEALTH CARE SURROGATE
- 15 APPOINTED OR DESIGNATED IN ACCORDANCE WITH STATE LAW.
- 16 Skilled Nursing Care Facility means a nursing care facility that is federally certified by the Centers for
- 17 MEDICARE AND MEDICAID SERVICES.
- 18 TELEHEALTH MEANS A MODE OF DELIVERY OF HEALTH CARE SERVICES THROUGH TELECOMMUNICATION SYSTEMS,
- 19 INCLUDING INFORMATION, ELECTRONIC, AND COMMUNICATION TECHNOLOGIES, TO FACILITATE THE ASSESSMENT,
- 20 DIAGNOSIS, CONSULTATION, TREATMENT, EDUCATION AND CARE MANAGEMENT OF A RESIDENT'S HEALTH CARE WHEN THE
- 21 RESIDENT AND PRACTITIONER ARE LOCATED AT DIFFERENT SITES. TELEHEALTH INCLUDES "TELEMEDICINE" AS DEFINED IN
- 22 SECTION 12-36-102.5, C.R.S.

23 SECTION 3 - GOVERNING BODY

- 24 3.1 DUTIES
- 25 A) THE GOVERNING BODY SHALL PROVIDE THE NECESSARY FACILITIES, QUALIFIED PERSONNEL, AND SERVICES TO MEET THE TOTAL NEEDS OF THE FACILITY'S RESIDENTS.
- 27 B) THE GOVERNING BODY SHALL APPOINT FOR THE FACILITY A FULL-TIME ADMINISTRATOR WITH AN ACTIVE COLORADO NURSING HOME ADMINISTRATOR LICENSE AND DELEGATE TO THAT ADMINISTRATOR THE EXECUTIVE AUTHORITY AND FULL RESPONSIBILITY FOR DAY-TO-DAY ADMINISTRATION OF THE FACILITY.
- The governing body shall be responsible for the performance of all persons providing services within the facility.
- 32 3.2 STRUCTURE
- IF THE GOVERNING BODY INCLUDES MORE THAN ONE INDIVIDUAL, THE GROUP SHALL BE FORMALLY ORGANIZED WITH A WRITTEN CONSTITUTION OR ARTICLES OF INCORPORATION AND BY-LAWS; HOLD REGULAR, PERIODIC
- 35 MEETINGS; AND MAINTAIN MEETING RECORDS.
- 36 3.3 QUALITY ASSURANCE
- 37 THE GOVERNING BODY SHALL ENSURE THAT THE FACILITY HAS A QUALITY MANAGEMENT PROGRAM THAT
- 38 EVALUATES THE QUALITY OF RESIDENT CARE AND SAFETY AND MEETS ALL THE REQUIREMENTS SET FORTH IN 6

1 CCR 1011-2, Chapter 2, General Licensure Standards, Part 3.1. The facility shall have a 2 COMMITTEE THAT MEETS MONTHLY TO ADDRESS THE REQUIRED QUALITY MANAGEMENT ACTIVITIES. 3 **SECTION 4 - FACILITY ADMINISTRATION** 4 4.1 **ADMINISTRATOR** 5 THE FACILITY SHALL EMPLOY AN ADMINISTRATOR WHO IS RESPONSIBLE TO THE GOVERNING BODY FOR 6 PLANNING, ORGANIZING, DEVELOPING AND CONTROLLING THE OPERATIONS OF THE FACILITY. 7 A) THE ADMINISTRATOR SHALL HAVE AN ACTIVE COLORADO NURSING HOME ADMINISTRATOR LICENSE. 8 B) THE ADMINISTRATOR SHALL BE RESPONSIBLE FOR, AT A MINIMUM, THE FOLLOWING DUTIES: 9 1) ACTING AS A LIAISON AMONG THE GOVERNING BODY, MEDICAL STAFF AND PRACTITIONERS 10 WHOSE PATIENTS RESIDE IN THE FACILITY; 11 2) MANAGING FACILITY PERSONNEL AND FINANCES; 12 3) PROVIDING FOR APPROPRIATE RESIDENT CARE; 13 4) MAINTAINING RELATIONSHIPS WITH THE COMMUNITY AND WITH OTHER HEALTH CARE 14 FACILITIES, ORGANIZATIONS AND SERVICES; 15 5) ENSURING FACILITY AND STAFF COMPLIANCE WITH ALL REGULATIONS; AND 16 6) ANY OTHER RESPONSIBILITIES REQUIRED BY FACILITY POLICY OR THE GOVERNING BODY. 17 4.2 **ORGANIZATION** 18 THE FACILITY SHALL HAVE A WRITTEN PLAN OF ORGANIZATION CLEARLY DEFINING THE AUTHORITY, 19 RESPONSIBILITIES AND FUNCTIONS OF EACH CATEGORY OF PERSONNEL. 20 4.3 **POLICIES** 21 IN CONSULTATION WITH THE MEDICAL DIRECTOR, ONE OR MORE REGISTERED NURSES AND OTHER RELATED 22 23 24 25 HEALTH CARE PROFESSIONALS, THE ADMINISTRATOR SHALL DEVELOP AND AT LEAST ANNUALLY REVIEW WRITTEN RESIDENT CARE POLICIES AND PROCEDURES THAT GOVERN RESIDENT CARE IN THE FOLLOWING AREAS: NURSING; HOUSEKEEPING; MAINTENANCE; SANITATION; INFECTION CONTROL; MEDICAL, DENTAL, DIETARY, DIAGNOSTIC, EMERGENCY AND PHARMACEUTICAL CARE; SOCIAL SERVICES; ACTIVITIES; REHABILITATION; 26 PHYSICAL, OCCUPATIONAL, AND SPEECH THERAPY; RESIDENT ADMISSION, TRANSFER, AND DISCHARGE; 27 NOTIFYING PRACTITIONER AND RESIDENT REPRESENTATIVE OF RESIDENT'S INCIDENTS, ACCIDENTS AND 28 CHANGES OF STATUS; DISASTERS; AND HEALTH INFORMATION RECORDS; ALONG WITH ANY OTHER POLICIES THE 29 DEPARTMENT DETERMINES THE FACILITY NEEDS BASED ON ITS CHARACTERISTICS OF ITS RESIDENT POPULATION. 30 4.4 **FACILITY STAFFING PLAN** 31 THE FACILITY SHALL HAVE A MASTER STAFFING PLAN FOR PROVIDING STAFFING IN COMPLIANCE WITH THESE REGULATIONS; DISTRIBUTION OF PERSONNEL; REPLACEMENT OF PERSONNEL AND FORECASTING FUTURE 33 PERSONNEL NEEDS. 34 POSTING DEFICIENCIES 4.5

1 THE FACILITY SHALL POST CONSPICUOUSLY IN PUBLIC VIEW EITHER THE STATEMENT OF DEFICIENCIES 2 FOLLOWING ITS MOST RECENT SURVEY OR A NOTICE STATING THE LOCATION AND TIMES AT WHICH THE 3 STATEMENT CAN BE REVIEWED. 4 **WAIVERS** 4.6 5 A FACILITY MAY REQUEST WAIVERS TO THESE REGULATIONS PURSUANT TO 6 CCR 1011-1, CHAPTER 2. 6 GENERAL LICENSURE STANDARDS, PART 4, WAIVER OF REGULATIONS FOR HEALTH CARE ENTITIES. 7 4.7 MANDATORY REPORTING 8 9 A) FACILITY PERSONNEL ENGAGED IN THE ADMISSION, CARE OR TREATMENT OF AT-RISK ELDERS SHALL 10 REPORT SUSPECTED PHYSICAL OR SEXUAL ABUSE, EXPLOITATION AND CARETAKER NEGLECT TO LAW 11 ENFORCEMENT WITHIN 24 HOURS OF OBSERVATION OR DISCOVERY PURSUANT TO SECTION 18-6.5-12 108. C.R.S. 13 B) FACILITIES SHALL COMPLY WITH ALL OCCURRENCE AND MANDATORY REPORTING REQUIRED BY STATE 14 AND FEDERAL LAW INCLUDING, BUT NOT LIMITED TO, NOTIFYING THE DEPARTMENT OF THE FOLLOWING 15 ITEMS WITHIN 24 HOURS OF DISCOVERY BY THE FACILITY. 16 1) ANY OCCURRENCE INVOLVING NEGLECT OF A RESIDENT BY FAILURE TO PROVIDE GOODS AND 17 SERVICES NECESSARY TO AVOID THE RESIDENT'S PHYSICAL HARM OR MENTAL ANGUISH; 18 2) ANY OCCURRENCE INVOLVING ABUSE OF A RESIDENT BY THE WILLFUL INFLICTION OF INJURY, 19 UNREASONABLE CONFINEMENT, INTIMIDATION OR PUNISHMENT WITH RESULTING PHYSICAL 20 HARM, PAIN OR MENTAL ANGUISH; 21 3) ANY OCCURRENCE INVOLVING AN INJURY OF UNKNOWN SOURCE WHERE THE SOURCE OF THE 22 INJURY COULD NOT BE EXPLAINED AND THE INJURY IS SUSPICIOUS BECAUSE OF THE EXTENT OR 23 LOCATION OF THE INJURY: AND 4) ANY OCCURRENCE INVOLVING MISAPPROPRIATION OF A RESIDENT'S PROPERTY INCLUDING THE 25 DELIBERATE MISPLACEMENT. EXPLOITATION OR WRONGFUL USE OF A RESIDENT'S BELONGINGS 26 OR MONEY WITHOUT THE RESIDENT'S CONSENT. 27 **SECTION 5 - ADMISSIONS** 28 **RESTRICTIONS** 5.1 29 THE FACILITY SHALL ADMIT ONLY THOSE PERSONS WHOSE NEEDS IT CAN MEET WITHIN THE ACCOMMODATIONS 30 AND SERVICES IT PROVIDES. 31 A) NO RESIDENT SHALL BE ADMITTED FOR INPATIENT CARE TO ANY ROOM OR AREA OTHER THAN ONE 32 REGULARLY DESIGNATED AND EQUIPPED AS A RESIDENT BEDROOM. 33 B) THERE SHALL BE NO MORE THAN FOUR RESIDENTS ADMITTED TO A BEDROOM. 34 BED HOLD POLICIES 5.2 35 THE FACILITY SHALL DEVELOP POLICIES FOR HOLDING BEDS AVAILABLE FOR RESIDENTS WHO ARE TEMPORARILY 36 ABSENT FROM THE FACILITY, PROVIDE A COPY OF THE POLICY UPON ADMISSION AND EXPLAIN THESE POLICIES TO 37 RESIDENTS UPON ADMISSION AND BEFORE EACH TEMPORARY ABSENCE. 38 RESIDENT IDENTIFICATION 5.3

1 THE FACILITY SHALL HAVE A MECHANISM FOR IDENTIFICATION OF RESIDENTS. 2 **SECTION 6 - PERSONNEL** 3 6.1 **POLICIES** 4 THE FACILITY SHALL MAINTAIN WRITTEN APPROVED PERSONNEL POLICIES, JOB DESCRIPTIONS AND RULES 5 PRESCRIBING THE CONDITIONS OF EMPLOYMENT, MANAGEMENT OF EMPLOYEES AND QUALITY AND QUANTITY OF 6 RESIDENT CARE TO BE PROVIDED. 7 A) THE FACILITY SHALL COMPLETE A JOB-SPECIFIC ORIENTATION FOR ALL NEW EMPLOYEES WITHIN 90. 8 DAYS OF EMPLOYMENT. 9 B) ALL PERSONNEL SHALL BE INFORMED OF THE PURPOSE AND OBJECTIVES OF THE FACILITY. 10 C) ALL PERSONNEL SHALL BE PROVIDED ACCESS TO THE FACILITY'S PERSONNEL POLICIES AND THE 11 FACILITY SHALL PROVIDE EVIDENCE THAT EACH EMPLOYEE HAS REVIEWED THEM. 12 6.2 **DEPARTMENTS** 13 EACH DEPARTMENT OF THE FACILITY SHALL BE UNDER THE DIRECTION OF A PERSON QUALIFIED BY TRAINING. 14 EXPERIENCE, AND ABILITY TO DIRECT EFFECTIVE SERVICES. 15 A) THE FACILITY SHALL PROVIDE A SUFFICIENT NUMBER OF QUALIFIED PERSONNEL IN EACH DEPARTMENT 16 TO EFFECTIVELY OPERATE THE DEPARTMENT AND COMPLY WITH STATE AND FEDERAL REQUIREMENTS. 17 B) ALL PERSONS ASSIGNED TO DIRECT RESIDENT CARE SHALL BE PREPARED THROUGH FORMAL 18 EDUCATION OR ON-THE-JOB TRAINING IN THE PRINCIPLES. POLICIES, PROCEDURES, AND APPROPRIATE 19 TECHNIQUES OF RESIDENT CARE. THE FACILITY SHALL PROVIDE EDUCATIONAL PROGRAMS FOR 20 EMPLOYEES TO BE INFORMED OF NEW METHODS AND TECHNIQUES. 21 6.3 STAFF DEVELOPMENT 22 THE NURSING CARE FACILITY SHALL EMPLOY STAFF WHO SHALL BE RESPONSIBLE FOR COORDINATING 23 ORIENTATION, IN-SERVICE, ON-THE-JOB TRAINING AND CONTINUING EDUCATION PROGRAMS, AND FOR 24 DETERMINING THAT FACILITY PERSONNEL HAVE BEEN PROPERLY TRAINED AND ARE IMPLEMENTING THE RESULTS 25 OF THEIR TRAINING. THE OBJECTIVE OF THIS STANDARD IS THAT STAFF BE APPROPRIATELY TRAINED IN 26 NECESSARY ASPECTS OF RESIDENT CARE TO CARRY OUT THEIR JOB RESPONSIBILITIES. A) THE IDENTIFIED STAFF SHALL HAVE EXPERIENCE IN AND ABILITY TO PREPARE AND COORDINATE IN-SERVICE EDUCATION AND TRAINING PROGRAMS FOR ADULT LEARNERS IN THE AREA OF GERIATRICS. 29 THE FACILITY SHALL IDENTIFY STAFF TO MEET IN-SERVICE, ORIENTATION, TRAINING AND SUPERVISION B) 30 NEEDS. THE FACILITY SHALL PROVIDE FOR APPROPRIATE FOLLOW-UP. 31 THE FACILITY SHALL PROVIDE ANNUAL IN-SERVICE EDUCATION FOR STAFF IN, AT A MINIMUM, THE C) 32 FOLLOWING TOPICS: 33 1) INFECTION CONTROL, 34 2) FIRE PREVENTION AND SAFETY,

35

36

3)

4)

ACCIDENT PREVENTION,

CONFIDENTIALITY OF RESIDENT INFORMATION,

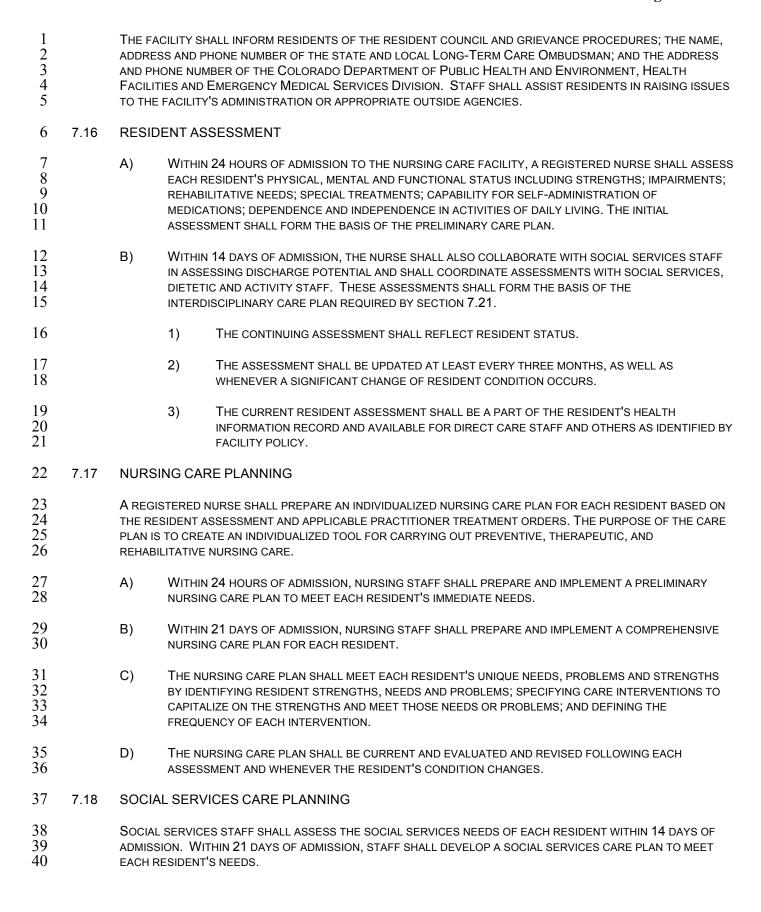
1			5)	REHABILITATIVE NURSING,				
2			6)	RESIDENT RIGHTS,				
3			7)	DIETARY,				
4			8)	PHARMACY,				
5			9)	DENTAL,				
6			10)	BEHAVIOR MANAGEMENT,				
7			11)	PERSON CENTERED CARE, AND				
8			12)	DISASTER PREPAREDNESS.				
9 10 11		D)	BEHAVI	CILITY HAS RESIDENTS WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES, DEMENTIA OR ORAL HEALTH ISSUES, IT SHALL ALSO PROVIDE ANNUAL IN-SERVICE EDUCATION FOR STAFF IN TOPICS.				
12 13 14		E)	PROGRA	CILITY SHALL MAINTAIN ATTENDANCE RECORDS WITH ORIGINAL SIGNATURES ON IN-SERVICE AMS AND COURSE MATERIALS OR OUTLINES THAT STAFF WHO ARE UNABLE TO ATTEND THE AM MAY REVIEW.				
15	6.4	RECO	RDS					
16 17 18 19		APPLICA PAST W	THE FACILITY SHALL MAINTAIN PERSONNEL RECORDS ON EACH EMPLOYEE, INCLUDING AN EMPLOYMENT APPLICATION THAT INCLUDES TRAINING AND PAST EXPERIENCE, VERIFICATION OF CREDENTIALS, REFERENCES OF PAST WORK EXPERIENCE, ORIENTATION AND EVIDENCE THAT HEALTH STATUS IS APPROPRIATE TO PERFORM DUTIES IN THE EMPLOYEE'S JOB DESCRIPTION.					
20	6.5	REFER	REFERENCE MATERIALS					
21 22			THE FACILITY SHALL PROVIDE CURRENT REFERENCE MATERIAL RELATED TO THE CARE THAT IS PROVIDED IN THE FACILITY FOR USE BY ALL PERSONNEL.					
23	6.6	STAFF	IDENTI	FICATION				
24 25			ALL FACILITY STAFF SHALL WEAR NAME AND TITLE BADGES WHILE ON DUTY, EXCEPT WHERE THEY MAY POSE A DANGER TO STAFF OR RESIDENTS DUE TO THE NATURE OF RESIDENT CONDITIONS.					
26	SECTI	ON 7 - F	RESIDEN	NT CARE				
27	7.1	OVERALL CARE						
28 29 30 31		REHABI INDEPE	LITATIVE NDENCE,	LL RECEIVE THE CARE NECESSARY TO MEET INDIVIDUAL PHYSICAL, PSYCHO-SOCIAL AND NEEDS AND ASSISTANCE TO ACHIEVE AND MAINTAIN THEIR HIGHEST POSSIBLE LEVEL OF SELF-CARE, SELF-WORTH AND WELL-BEING. PROVISION OF CARE SHALL BE DOCUMENTED IN ORMATION RECORD.				
32	7.2	QUALI	TY OF L	.IFE				
33 34				LL BE PROVIDED A SAFE, SUPPORTIVE, COMFORTABLE, HOMELIKE ENVIRONMENT; FREEDOM AND NT TO EXERCISE CHOICE OVER THEIR SURROUNDINGS, SCHEDULES, HEALTH CARE AND LIFE				

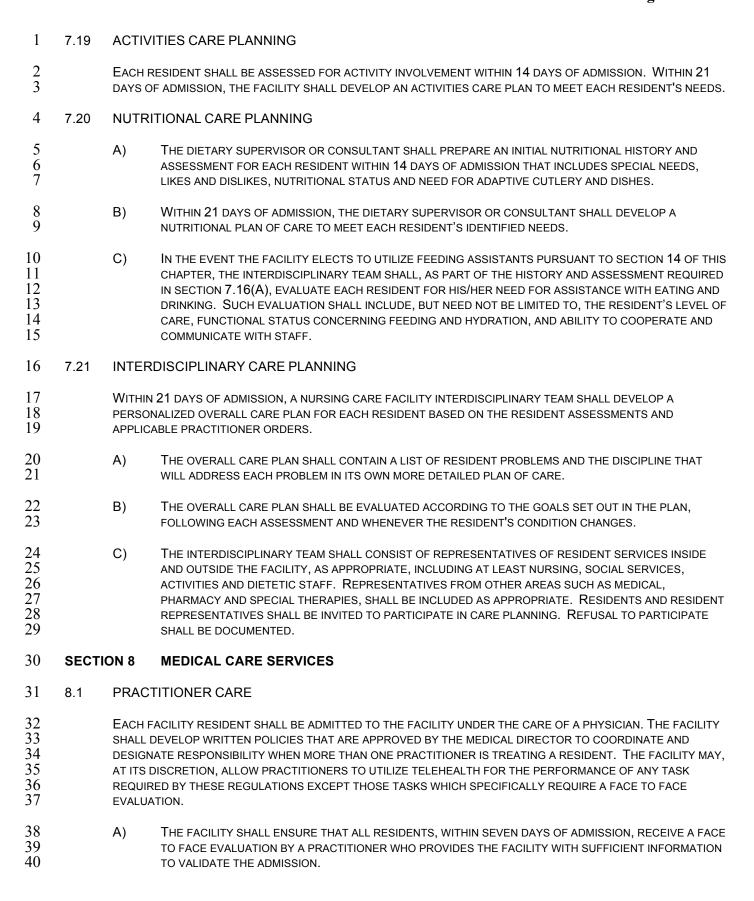
1 ACTIVITIES; THE OPPORTUNITY TO BE INVOLVED WITH THE MEMBERS OF THEIR COMMUNITY INSIDE AND OUTSIDE 2 THE NURSING CARE FACILITY; AND TREATMENT WITH DIGNITY AND RESPECT. 3 7.3 PRESSURE ULCER PREVENTION AND CARE 4 A) UPON ADMISSION, THE FACILITY SHALL: 5 1) ASSESS THE POTENTIAL FOR SKIN BREAKDOWN DURING THE INITIAL RESIDENT ASSESSMENT, 6 AND 7 2) PROVIDE MEASURES TO PREVENT PRESSURE ULCERS TO RESIDENTS IDENTIFIED AS BEING AT 8 RISK OF DEVELOPING THEM (I.E., A RESIDENT EXHIBITING THREE OR MORE OF THE FOLLOWING 9 SYMPTOMS: UNDERWEIGHT, INCONTINENCE, DEHYDRATION, DISORIENTATION OR 10 UNCONSCIOUSNESS, OR LIMITED MOBILITY). 11 B) FOR ALL RESIDENTS WHO ARE ADMITTED WITH OR DEVELOP PRESSURE ULCERS, THE FACILITY SHALL: 12 1) DEVELOP AN INDIVIDUALIZED TREATMENT PLAN AS PART OF THE REQUISITE CARE PLAN THAT IS 13 DESIGNED TO ALLEVIATE THE CONDITION: 14 2) PROVIDE ACTIVE TREATMENT TO IMPROVE THE CONDITION IN ACCORDANCE WITH THE 15 TREATMENT PLAN: 16 3) EVALUATE THE RESIDENT'S PROGRESS AND TREATMENT AT LEAST WEEKLY AND REVISE THE 17 TREATMENT PLAN AS NEEDED; AND 18 PROVIDE PROPER NUTRITION AND HYDRATION TO PROMOTE HEALING AND PREVENT FURTHER 4) 19 BREAKDOWN. 20 7.4 ACCIDENT PREVENTION AND ATTENTION 21 THE FACILITY SHALL: 22 A) INVESTIGATE ALL CAUSES OF ACCIDENTS; 23 B) MONITOR THE RESIDENT'S RESPONSE TO THE ACCIDENT AND OBTAIN PRACTITIONER'S OR MENTAL 24 HEALTH EVALUATION, IF NEEDED; 25 C) IDENTIFY ALL RESIDENTS AT HIGH RISK FOR ACCIDENTS AND DEVELOP AN INDIVIDUALIZED CARE PLAN 26 FOR THEM TO PREVENT FUTURE ACCIDENTS; AND 27 D) EVALUATE AND REVISE THE PLAN AS NEEDED. 28 7.5 BEHAVIORAL HEALTH CARE 29 A) FOR RESIDENTS WITH BEHAVIORAL HEALTH ISSUES, THE FACILITY SHALL: 30 1) NOTE THE BEHAVIORAL ISSUE AND EVALUATE IT IN THE RESIDENT'S ASSESSMENT; 31 2) DEVELOP AND IMPLEMENT AN INDIVIDUALIZED TREATMENT PLAN DESIGNED TO ADDRESS THE 32 BEHAVIORAL HEALTH ISSUE; 33 3) OBTAIN A MENTAL HEALTH EVALUATION IN APPROPRIATE CASES; AND

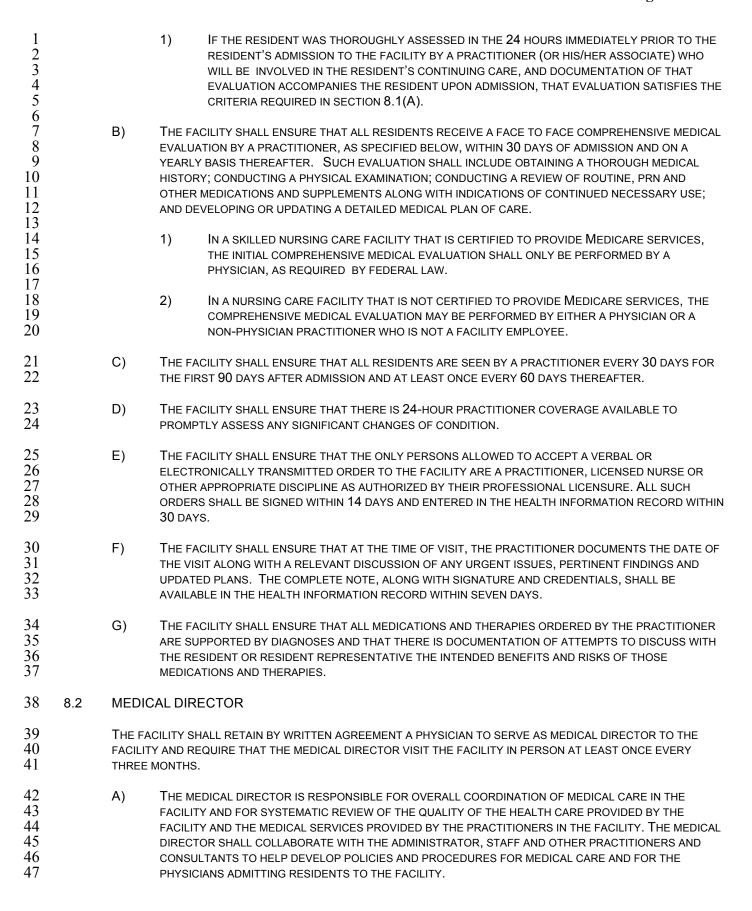
1 2			4)		ATE THE RESIDENT'S PROGRESS AND REVISE THE PLAN, BOTH AS NEEDED AND EVER THERE IS A CHANGE IN THE RESIDENT'S BEHAVIORAL CONDITION.
3 4 5		B)	THE HE	ALTH INF	RECEIVING MEDICATION FOR BEHAVIOR MODIFICATION, THE FACILITY SHALL INDICATE IN CORMATION RECORD POSITIVE AND/OR NEGATIVE EFFECTS OF THE MEDICATION AND TIVES TO THE MEDICATION WERE CONSIDERED.
6	7.6	CONT	RACTU	RE CAR	E
7		A)	Upon .	ADMISSIC	ON, THE FACILITY SHALL:
8			1)	Asses	S THE POTENTIAL FOR CONTRACTURE DURING THE INITIAL RESIDENT ASSESSMENT, AND
9 10 11			2)		OP, IMPLEMENT AND PERIODICALLY EVALUATE AN INDIVIDUALIZED TREATMENT PLAN TO NT CONTRACTURES FOR RESIDENTS IDENTIFIED AS BEING AT RISK OF DEVELOPING
12				a)	SUCH PLANS SHALL BE REVIEWED AND REVISED AS NEEDED AND ANNUALLY.
13		B)	For R	ESIDENTS	S WHO ARE ADMITTED WITH CONTRACTURES, THE FACILITY SHALL:
14 15			1)		MENT THE CONTRACTURE, EVALUATE IT AND UNDERTAKE RESTORATIVE NURSING PENTION, IF APPROPRIATE.
16		C)	For R	ESIDENTS	S WHO DEVELOP CONTRACTURES DURING THEIR RESIDENCY, THE FACILITY SHALL:
17 18			1)		MENT THAT APPROPRIATE INTERVENTION WAS PERFORMED TO TREAT THE CONDITION E THE CONTRACTURE DEVELOPED.
19 20 21				a)	IF THE RESIDENT REFUSED TREATMENT OR PREVENTIVE MEASURES, THE FACILITY SHALL DOCUMENT THE REFUSAL AND THAT THE CONSEQUENCES OF THE REFUSAL WERE EXPLAINED TO THE RESIDENT.
22	7.7	PROM	IOTION	OF MOE	BILITY
23 24 25		QUART	ERLY ANI	D UPON A	ESS EACH RESIDENT'S AMBULATION POTENTIAL AND CAPABILITY UPON ADMISSION, CHANGE IN CONDITION. EACH RESIDENT'S CARE PLAN SHALL BE DESIGNED TO ND REVISED AS NEEDED.
26 27 28 29		A)	FACILIT RECOM	Y SHALL IMENDAT	REQUIRING ADAPTIVE DEVICES AND/OR PERSONAL ASSISTANCE TO AMBULATE, THE PROVIDE AND MAINTAIN SUCH DEVICES ACCORDING TO THE MANUFACTURER'S IONS. THE FACILITY SHALL ALSO ASSIST RESIDENTS IN OBTAINING APPROPRIATE PROVIDE RESIDENTS WITH ASSISTANCE TO MOVE AND TRANSFER.
30	7.8	INDWI	ELLING	URINAF	RY CATHETER CARE
31		A)	For R	ESIDENTS	S WITH AN INDWELLING URINARY CATHETER, THE FACILITY SHALL:
32			1)	Evalu	ATE APPROPRIATENESS OF CONTINUED USE AT LEAST MONTHLY;
33			2)	Asses	S THE REASON FOR THE INCONTINENCE;
34 35			3)		ATE THE POTENTIAL OF BLADDER RETRAINING AND IMPLEMENT RETRAINING, IF TED, OR DOCUMENT THE REASONS IF RETRAINING WAS NOT INDICATED; AND

1			4)	IMPLE	MENT ANY PRACTITIONER ORDER FOR IRRIGATION OR CATHETER REPLACEMENT.
2 3		B)			S EXHIBITING SIGNS OR SYMPTOMS OF URINARY TRACT INFECTION, THE FACILITY SHALL ACTITIONER, OBTAIN ORDERS FOR TREATMENT AND IMPLEMENT SUCH TREATMENT PLAN.
4	7.9	WEIG	НТ СНА	NGES	
5		For RI	ESIDENTS	S WITH W	EIGHT CHANGES THE FACILITY SHALL:
6		A)	EVALU	ATE THE	RESIDENT TO DETERMINE THE CAUSE OF THE WEIGHT CHANGE;
7 8 9		B)	THAT IN	NCLUDES	MPLEMENT AN INDIVIDUALIZED PLAN OF CARE AS PART OF THE REQUISITE CARE PLAN INTERVENTION BY OTHER DISCIPLINES, IF APPROPRIATE; EVALUATE RESIDENT REVISE THE PLAN AS NEEDED;
10 11		C)	OBSER ISSUES		O AND FLUID INTAKE AND PROVIDE ENCOURAGEMENT TO RESIDENTS WITH EATING
12		D)	Provii	DE REAS	ONABLE CHOICES OF FOODS TO MEET PERSONAL PREFERENCES AND RELIGIOUS NEEDS;
13 14		E)			ITS ARE PROVIDED BETWEEN MEALS AND AT BEDTIME AS PART OF THE CARE PLAN, ENOURISHMENTS PROVIDED AND WHETHER THEY ARE CONSUMED;
15 16		F)			TANCE IN EATING OR ADAPTIVE EATING DEVICES AND ASSIST RESIDENTS IN OBTAINING DENTAL CARE, AS APPROPRIATE TO THE INDIVIDUAL RESIDENT; AND
17 18		G)	FOR RE		S WITH MOUTH OR GUM ISSUES, MEET THE REQUIREMENTS OF SECTION 12 ON DENTAL
19	7.10	GROC	MING		
20 21		A)			HALL ASSIST THE RESIDENT TO OBTAIN APPROPRIATE PERSONAL CARE MATERIALS AND RISONAL CARE IN A MANNER THAT PRESERVES RESIDENT DIGNITY AND PRIVACY.
22 23 24		B)	DEVICE	S, THE F	S WITH INAPPROPRIATE, UNCLEAN, OR POORLY MAINTAINED CLOTHING AND/OR ASSISTIVE ACILITY SHALL ASSIST THE RESIDENTS TO OBTAIN CLOTHING, SHOES AND DEVICES. G, SHOES AND DEVICES SHALL FIT PROPERLY, BE CLEAN AND IN GOOD REPAIR.
25	7.11	EXCO	RIATIO	N PREV	ENTION AND CARE
26 27		A)			ENTS WHO ARE INCONTINENT OR IMMOBILE, HAVE IMPAIRED SENSATION, COMPROMISED R FLUID STATUS, OR INADEQUATE HYGIENE, THE FACILITY SHALL:
28 29			1)		LETE AN INITIAL SKIN EVALUATION UPON ADMISSION AND RE-EVALUATE THE CONDITION EDED, BUT AT LEAST WEEKLY.
30			2)	Provi	DE MEASURES TO PREVENT THE EXCORIATION THAT INCLUDE:
31				a)	MAINTAINING CLEAN, DRY, WELL LUBRICATED SKIN;
32 33				b)	TAKING INCONTINENT RESIDENTS TO THE BATHROOM ON A REGULAR INDIVIDUALIZED SCHEDULE;
34				c)	EVALUATING THE NEED FOR DAILY BATHS; AND

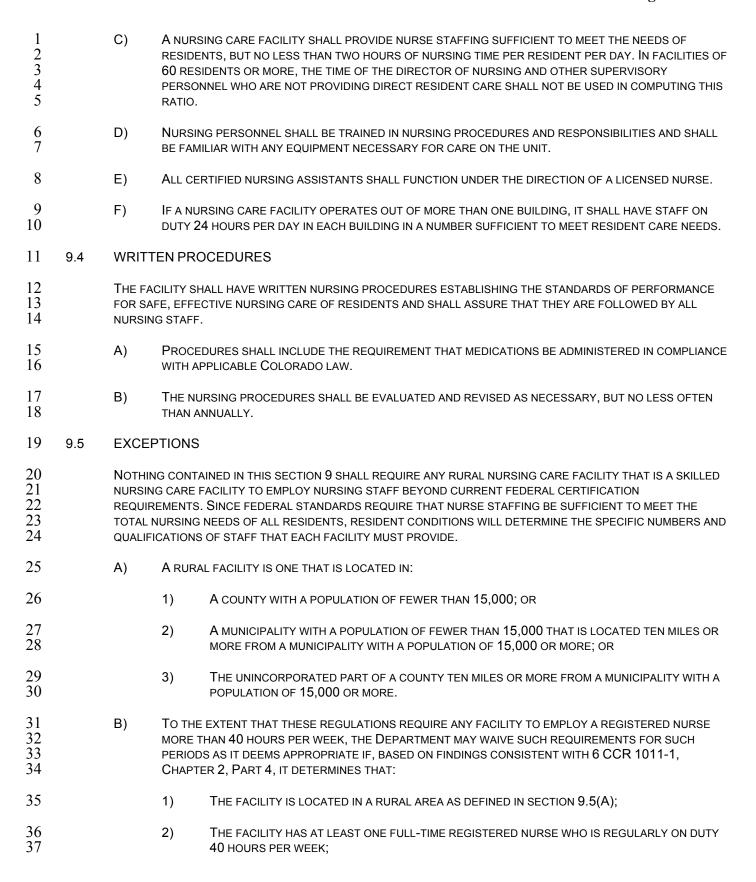
1 2				d)	DETERMINING POTENTIAL TROUBLE SPOTS WHERE MICROBIAL GROWTH MAY OCCUR (BREASTS, GLUTEAL FOLDS, SKIN FOLDS).			
3		B)	For re	SIDENTS	WITH EXCORIATIONS, THE FACILITY SHALL:			
4 5			1)		P AND IMPLEMENT AN INDIVIDUALIZED TREATMENT PLAN AS PART OF THE CARE PLAN EXCORIATION;			
6 7			2)	EVALUA NEEDED	TE THE RESIDENT'S PROGRESS AND REVIEW AND REVISE THE TREATMENT PLAN AS ; AND			
8			3)	ENTER	A PROGRESS NOTE AT LEAST WEEKLY IN THE HEALTH INFORMATION RECORD.			
9	7.12	FLUID	MANAG	EMENT				
10 11				IALL PRO\ ACILITY S	/IDE FLUID IN SUFFICIENT QUANTITIES TO MAINTAIN HYDRATION AND BODY WEIGHT. IN HALL:			
12		A)	Assess	S EACH RE	ESIDENT'S HYDRATION NEEDS;			
13 14		B)			VALUATE FOOD AND FLUID INTAKE DAILY AND RECORD AND REPORT DEVIATIONS FROM D AND FLUID INTAKE;			
15 16		C)			ANCE AND ENCOURAGEMENT TO RESIDENTS REQUIRING ASSISTANCE TO MEET THEIR REQUIREMENTS; AND			
17		D)	Provid	E SELF-H	ELP ADAPTIVE DEVICES AND ENCOURAGE USE.			
18	7.13	PERSO	ERSONAL ENVIRONMENT					
19 20 21 22		FURNITI FURNITI	URE, APP URE ITEM	LIANCES, IS IN RESI	W FOR PERSONALIZATION OF ROOMS THROUGH THE USE OF RESIDENTS' PERSONAL DECORATIONS, PLANTS AND MEMORABILIA. THE FACILITY MAY LIMIT THE NUMBER OF DENT ROOMS IF TO DO SO IS NECESSARY TO ACCOMMODATE ROOMMATE ES, HOUSEKEEPING OR SAFE MOVEMENT IN THE ROOM.			
23	7.14	PERSO	ONAL CH	HOICE				
24		THE FA	CILITY SH	IALL:				
25 26		A)			BLE EFFORTS TO ACCOMMODATE PREFERENCES OF ROOMMATE, INCLUDING THE RIGHT NT SO REQUESTING TO BE ASSIGNED TO A ROOM WITH NON-SMOKERS;			
27 28 29		B)	SECTIO		TS FLEXIBILITY IN TIMES TO EAT MAIN MEALS, CONSISTENT WITH REQUIREMENTS OF INDICTARY SERVICES AND WITH ITS OWN REASONABLE STAFFING AND SCHEDULING			
30 31		C)			TS FLEXIBILITY IN TIMES TO BATHE, RISE AND RETIRE, CONSISTENT WITH ITS OWN AFFING AND SCHEDULING REQUIREMENTS; AND			
32 33		D)	_		ST ONE ALTERNATIVE MENU CHOICE FOR EACH MEAL OF SIMILAR NUTRITIVE VALUE. RNATIVE SHALL NOT BE USED FOR TWO CONSECUTIVE MEALS.			
34	7.15	PROBLEM RESOLUTION						

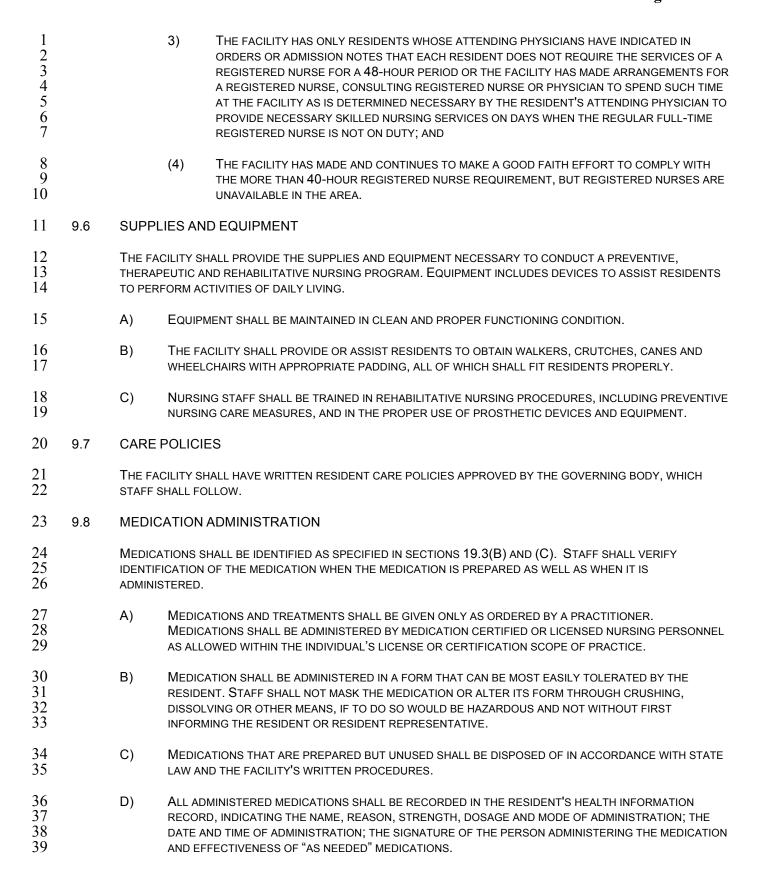


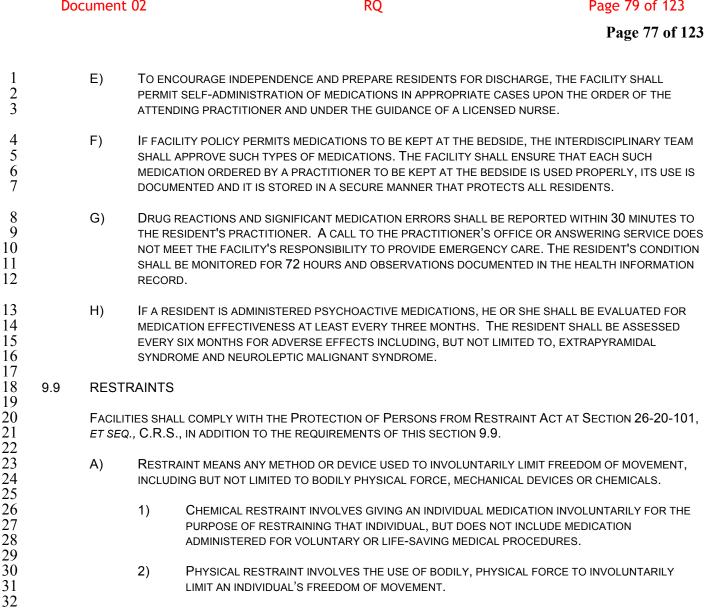




1		B)	THE M	IEDICAL DIRECTOR IS RESPONSIBLE FOR:				
2 3 4			1)	ACTING AS A LIAISON BETWEEN THE FACILITY AND ADMITTING PHYSICIANS ON MATTERS RELATED TO PHYSICIAN SERVICES, PROMPT WRITING OF ORDERS AND RESPONDING TO REQUESTS BY FACILITY STAFF;				
5			2)	CONSULTING ON THE DEVELOPMENT AND IMPLEMENTATION OF RESIDENT CARE POLICIES;				
6 7			3)	ESTABLISHING STANDARDS GOVERNING THE CONDUCT OF PHYSICIANS ADMITTING RESIDENTS TO THE FACILITY;				
8 9			4)	CONSULTING ON THE DEVELOPMENT AND IMPLEMENTATION OF A PROCEDURE TO PROVIDE CARE IN EMERGENCIES WHEN A RESIDENT'S PRACTITIONER IS UNAVAILABLE;				
10			5)	REVIEWING ACCIDENTS AND HAZARDS;				
11			6)	PARTICIPATING IN PHARMACEUTICAL ADVISORY COMMITTEE DELIBERATIONS;				
12			7)	PARTICIPATING IN THE PSYCHOTROPIC MEDICATION REVIEW COMMITTEE; AND				
13 14			8)	Chairing or co-chairing the quality management committee required by section 3.3 of this chapter.				
15 16 17		C)	THESE	IEDICAL DIRECTOR MAY UTILIZE TELEHEALTH FOR THE PERFORMANCE OF ANY TASK REQUIRED BY REGULATIONS EXCEPT THOSE TASKS WHERE THE REGULATIONS SPECIFICALLY REQUIRE A FACE CE EVALUATION OR PERSONAL VISIT.				
18	SECT	ION 9	NURS	SING SERVICES				
19	9.1	ORGA	ANIZATION					
20 21 22		COMPL	HE FACILITY SHALL HAVE A DEPARTMENT OF NURSING SERVICES THAT IS FORMALLY ORGANIZED TO PROVIDE DIMPLETE, EFFECTIVE CARE TO EACH RESIDENT. THE FACILITY SHALL CLEARLY DEFINE QUALIFICATIONS, JTHORITY AND RESPONSIBILITY OF NURSING PERSONNEL IN WRITTEN JOB DESCRIPTIONS.					
23	9.2	DIREC	CTOR C	F NURSING				
24 25 26		HOURS	EXCEPT AS PROVIDED IN SECTION 9.5, THE NURSING CARE FACILITY SHALL EMPLOY A FULL-TIME (40 HOURS/WEEK) DIRECTOR OF NURSING WHO IS A REGISTERED NURSE, QUALIFIED BY EDUCATION AND EXPERIENCE TO DIRECT FACILITY NURSING CARE.					
27	9.3	24-HC	UR NU	RSING COVERAGE				
28 29 30		FAMILIA	THE FACILITY SHALL BE STAFFED WITH QUALIFIED NURSING PERSONNEL, AWAKE AND ON DUTY, WHO ARE FAMILIAR WITH THE RESIDENTS AND THEIR NEEDS IN A NUMBER SUFFICIENT TO MEET RESIDENT FUNCTIONAL DEPENDENCY, MEDICAL AND NURSING NEEDS.					
31 32 33		A)	POTEN	SHALL BE SUFFICIENT IN NUMBER TO PROVIDE PROMPT ASSISTANCE TO PERSONS NEEDING OR STIALLY NEEDING ASSISTANCE, CONSIDERING INDIVIDUAL NEEDS SUCH AS THE RISK OF ENTS, HAZARDS OR OTHER UNTOWARD EVENTS.				
34 35 36		B)	AT LEA	PT AS PROVIDED IN SECTION 9.5, A NURSING CARE FACILITY SHALL BE STAFFED AT ALL TIMES WITH AST ONE REGISTERED NURSE WHO IS ON DUTY ON THE PREMISES. EACH RESIDENT CARE UNIT BE STAFFED WITH AT LEAST ONE LICENSED NURSE.				







- MECHANICAL RESTRAINT INVOLVES THE USE OF A PHYSICAL DEVICE TO INVOLUNTARILY 3)
 - RESTRICT THE MOVEMENT OF AN INDIVIDUAL OR THE MOVEMENT OR NORMAL FUNCTION OF A PORTION OF THE INDIVIDUAL'S BODY.
- B) RESTRAINT DOES NOT INCLUDE:

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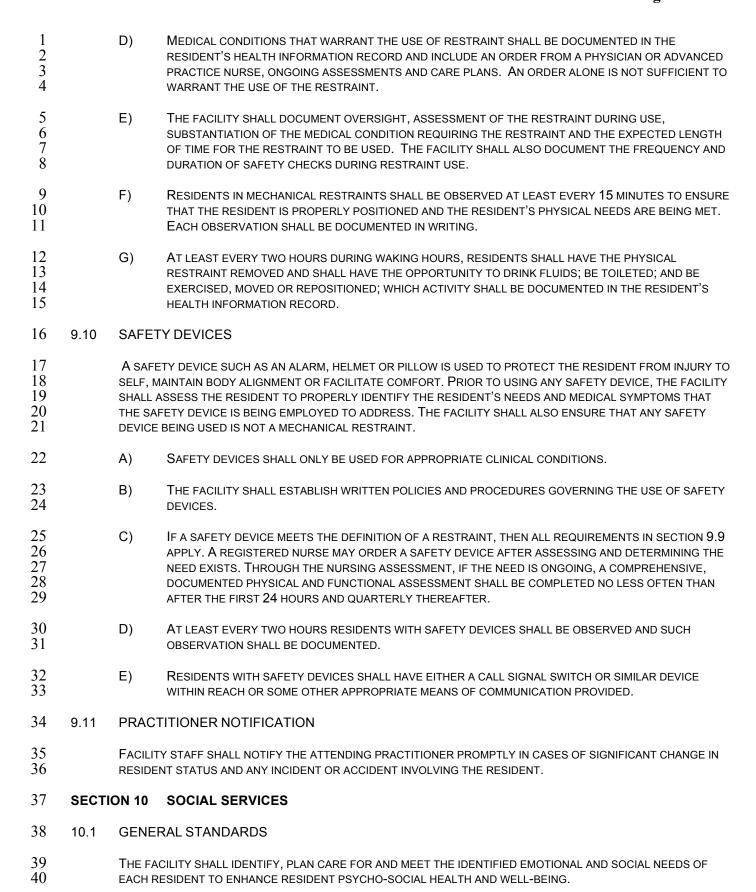
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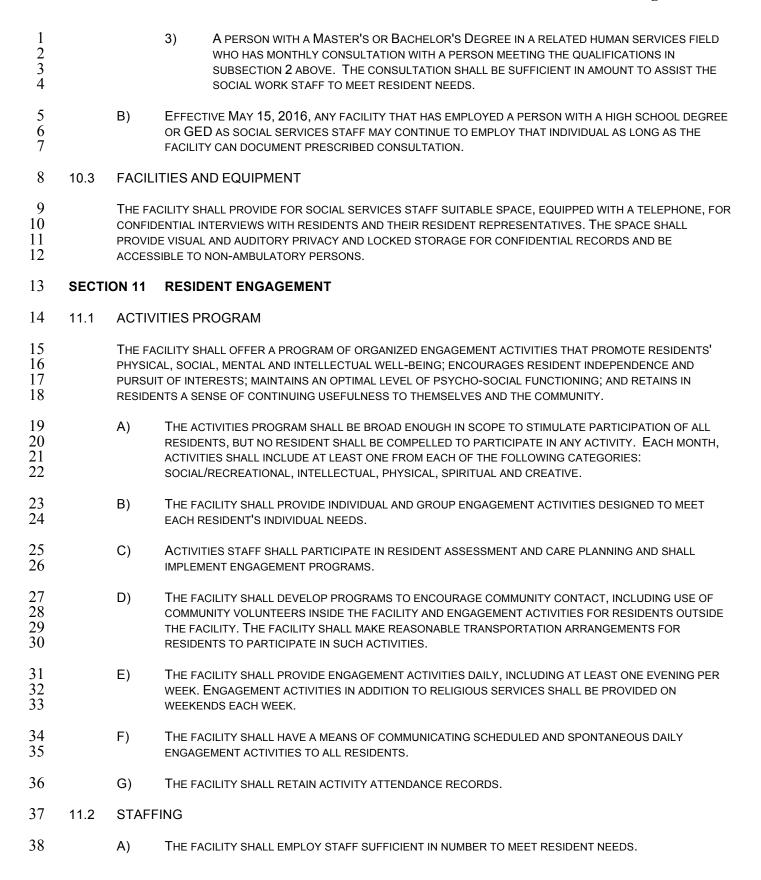
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- 1) THE USE OF PROTECTIVE DEVICES OR ADAPTIVE DEVICES FOR PROVIDING PHYSICAL SUPPORT, PREVENTION OF INJURY, VOLUNTARY OR LIFE-SAVING MEDICAL PROCEDURES;
- 2) THE HOLDING OF A RESIDENT FOR LESS THAN FIVE MINUTES BY A STAFF PERSON FOR THE PROTECTION OF THE RESIDENT OR OTHER PERSONS;
- 3) PLACEMENT OF A RESIDENT IN HIS OR HER ROOM FOR THE NIGHT; OR
- 4) THE USE OF A TIME-OUT AS DEFINED IN WRITING BY THE FACILITY.
- C) THE FACILITY SHALL ESTABLISH WRITTEN POLICIES AND PROCEDURES GOVERNING THE USE OF RESTRAINTS. THE FACILITY SHALL ENSURE AND DOCUMENT THAT REASONABLE EFFORTS ARE ATTEMPTED TO OBTAIN CONSENT FROM THE RESIDENT AND/OR RESIDENT REPRESENTATIVE FOR THE USE OF RESTRAINTS. THE FACILITY SHALL INFORM THE RESIDENT AND/OR RESIDENT REPRESENTATIVE REGARDING THE POTENTIAL RISKS AND BENEFITS OF RESTRAINTS PRIOR TO THEIR USE.



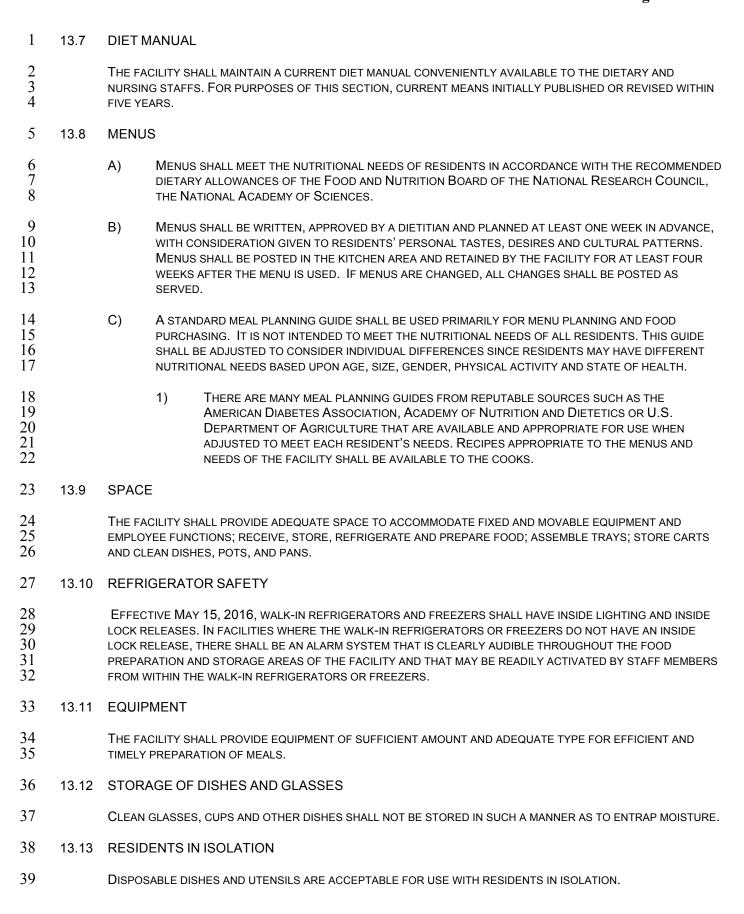
1 2 3 4 5		A)	APPROP ADMISSI RESIDEN	SERVICES STAFF SHALL BE INVOLVED IN THE PRE-ADMISSION PROCESS, PROVIDING INPUT AS TO PRIATENESS OF PLACEMENT FROM A PSYCHO-SOCIAL PERSPECTIVE, EXCEPT IN EMERGENCY IONS. SUCH INVOLVEMENT MAY INCLUDE CONTACT WITH THE PROSPECTIVE RESIDENT OR NOT REPRESENTATIVE, OR INTERDISCIPLINARY CONFERENCES THAT CONSIDER PSYCHO-SOCIAL AS WELL AS MEDICAL/NURSING CRITERIA.
6 7		B)		SERVICES STAFF SHALL PROVIDE FOR INDIVIDUAL AND GROUP NEEDS, EITHER DIRECTLY OR BY AL TO COMMUNITY AGENCIES.
8		C)		SERVICES STAFF SHALL ASSIST RESIDENTS AND FAMILIES IN COPING WITH THE MEDICAL AND 0-SOCIAL ASPECTS OF THE RESIDENT'S ILLNESS AND DISABILITY AND THE STAY IN THE FACILITY.
10 11 12		D)	SERVICE	SERVICES STAFF SHALL ASSIST RESIDENTS IN PLANNING FOR DISCHARGE BY COORDINATING E DELIVERY WITH THE NURSING STAFF AND BY ASSESSING AVAILABILITY AND FACILITATING USE NCIAL AND SOCIAL SUPPORT SERVICES IN THE COMMUNITY.
13 14 15		E)	TO MEE	SERVICES, SUCH AS COMMUNITY MENTAL HEALTH SERVICES, ARE AVAILABLE IN THE COMMUNITY T SPECIAL RESIDENTS' SOCIAL AND EMOTIONAL NEEDS, SOCIAL SERVICES STAFF SHALL PROVIDE PRIATE REFERRALS TO COMMUNITY SERVICES.
16 17		F)		SERVICES STAFF SHALL COORDINATE TRANSFERS (OTHER THAN MEDICAL TRANSFERS) WITHIN T OF THE FACILITY AND ASSIST RESIDENTS IN ADJUSTING TO INTRA-FACILITY TRANSFERS.
18 19 20		G)	SHALL P	SERVICES STAFF SHALL PARTICIPATE IN RESIDENT ASSESSMENT AND CARE PLANNING AND PROVIDE SOCIAL SERVICES TO RESIDENTS. STAFF SHALL REVIEW AND UPDATE THE ASSESSMENT RE PLAN AT LEAST QUARTERLY.
21 22		H)		SERVICES STAFF SHALL RECORD INFORMATION ON SOCIAL HISTORY IN THE HEALTH ATION RECORD AND REVIEW IT AT LEAST ANNUALLY.
23 24		I)		SERVICES STAFF SHALL RECORD PROGRESS NOTES IN THE RESIDENT'S HEALTH INFORMATION QUARTERLY.
25 26		J)		SERVICES STAFF SHALL PARTICIPATE IN DEVELOPING POLICIES AND PROCEDURES PERTAINING IAL SERVICES IN THE FACILITY.
27 28 29		K)	REPRES	SERVICES STAFF SHALL PROVIDE ORIENTATION TO NEW RESIDENTS AND THEIR RESIDENT SENTATIVES (INCLUDING EXPLANATION OF RESIDENTS' RIGHTS) AND ASSISTANCE TO RESIDENTS SIDENT REPRESENTATIVES IN RAISING CONCERNS ABOUT RESIDENT CARE.
30	10.2	STAFF	ING	
31 32				ALL EMPLOY SOCIAL SERVICES STAFF THAT IS QUALIFIED ACCORDING TO THE CRITERIA BELOW IN NUMBER TO MEET THE SOCIAL AND EMOTIONAL NEEDS OF THE RESIDENTS.
33		A)	A QUALI	IFIED SOCIAL WORK STAFF MEMBER IS A PERSON WHO IS EITHER:
34 35 36 37			1)	A SOCIAL WORKER WITH A BACHELOR'S DEGREE IN SOCIAL WORK REGISTERED OR AUTHORIZED EXPRESSLY BY COLORADO LAW TO PRACTICE AS A SOCIAL WORKER WHO HAS ONE YEAR OF SOCIAL WORK EXPERIENCE UNDER THE SUPERVISION OF A LICENSED SOCIAL WORKER IN A HEALTH CARE SETTING WORKING DIRECTLY WITH RESIDENTS; OR
38 39 40			2)	A SOCIAL WORKER WITH A MASTER'S DEGREE IN SOCIAL WORK WHO IS LICENSED AS A LICENSED SOCIAL WORKER OR LICENSED CLINICAL SOCIAL WORKER UNDER COLORADO LAW; OR



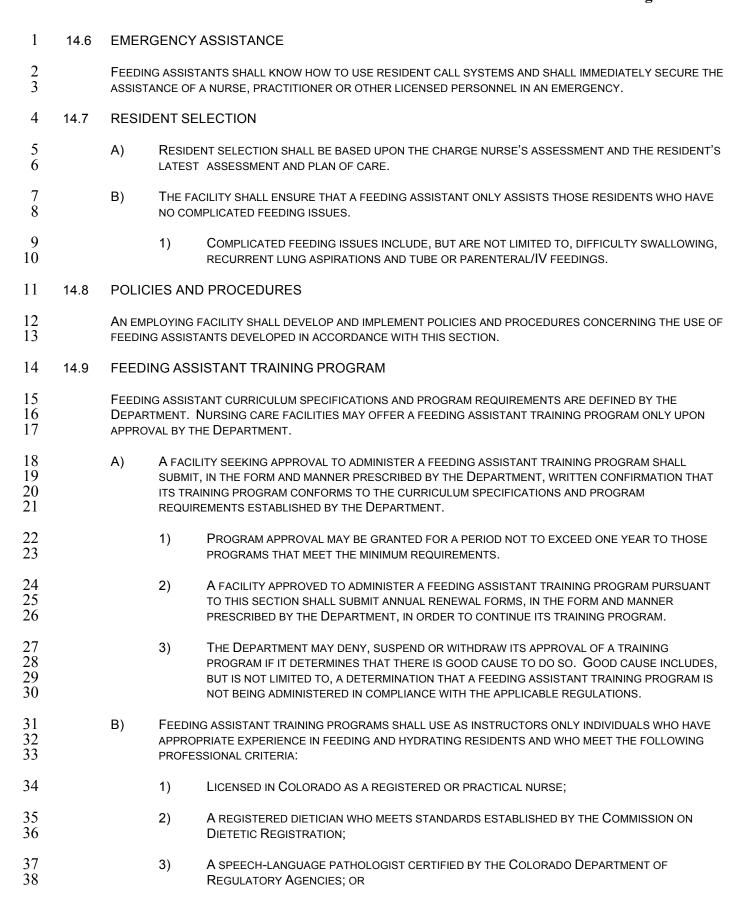
1 2		B)	THE FA	ACILITY SHALL EMPLOY AN ACTIVITIES DIRECTOR WHO MEETS AT LEAST ONE OF THE FOLLOWING RIA:
3 4 5			1)	An activity professional certified by the National Certification Council for Activity Professionals as an Activity Director Certified (ADC) or Activity Consultant Certified (ACC);
6 7 8 9			2)	AN OCCUPATIONAL THERAPIST OR OCCUPATIONAL THERAPY ASSISTANT MEETING THE REQUIREMENTS FOR CERTIFICATION BY THE AMERICAN OCCUPATIONAL THERAPY ASSOCIATION AND HAVING AT LEAST ONE YEAR OF EXPERIENCE IN PROVIDING ACTIVITY PROGRAMMING IN A NURSING CARE FACILITY;
10 11 12			3)	A THERAPEUTIC RECREATION SPECIALIST, REGISTERED BY THE NATIONAL COUNCIL FOR THERAPEUTIC RECREATION CERTIFICATION, HAVING AT LEAST ONE YEAR OF EXPERIENCE IN PROVIDING ACTIVITY PROGRAMMING IN A NURSING CARE FACILITY;
13 14 15			4)	A PERSON WITH A MASTER'S OR BACHELOR'S DEGREE IN THE SOCIAL OR BEHAVIORAL SCIENCES WHO HAS AT LEAST ONE YEAR OF EXPERIENCE IN PROVIDING ACTIVITY PROGRAMMING IN A NURSING CARE FACILITY;
16 17 18 19			5)	A PERSON WHO HAS COMPLETED, WITHIN A YEAR OF EMPLOYMENT, A TRAINING COURSE FOR ACTIVITY PROFESSIONALS IN AN ACCREDITED STATE FACILITY AND WHO HAS AT LEAST TWO YEARS EXPERIENCE IN SOCIAL OR RECREATIONAL PROGRAM WORK, AT LEAST ONE YEAR OF WHICH WAS FULL-TIME IN AN ACTIVITIES PROGRAM IN A HEALTH CARE SETTING; OR
20 21 22			6)	A PERSON WHO HAS MONTHLY CONSULTATION WITH A PERSON MEETING THE QUALIFICATIONS SET FORTH IN SUBSECTIONS (1) THROUGH (5) ABOVE. THE CONSULTATION SHALL BE SUFFICIENT IN AMOUNT TO ASSIST THE ACTIVITY STAFF MEMBERS TO MEET RESIDENT NEEDS.
23	11.3	RELIG	SIOUS	SERVICES
24 25 26		THEIR (CHOICE.	HALL ASSIST RESIDENTS WHO ARE ABLE AND WISH TO DO SO TO ATTEND RELIGIOUS SERVICES OF THE FACILITY SHALL HONOR RESIDENT REQUESTS TO SEE THEIR CLERGY AND PROVIDE PRIVATE CH VISITS.
27	11.4	SPAC	E AND E	EQUIPMENT
28 29 30 31		PROGR	AM THAT ATION AF	HALL MAKE AVAILABLE THE SUPPLIES, SPACE AND EQUIPMENT TO PROVIDE AN ACTIVITIES IT MEETS EACH RESIDENT'S INDIVIDUAL NEEDS. THE FACILITY SHALL PROVIDE AN ACTIVITIES AND REA WITH ITEMS SUCH AS BOOKS, CURRENT NEWSPAPERS, GAMES, STATIONERY, RADIO AND
32	SECT	ION 12	DENT	AL SERVICES
33	12.1	DENT	AL EXA	MINATION
34 35 36 37 38		BY A LIG	CENSED CUMENTE SENTATI	ON, THE FACILITY SHALL PROVIDE EACH RESIDENT WHO CONSENTS WITH AN ORAL EXAMINATION DENTIST OR LICENSED DENTAL HYGIENIST. REFUSAL TO CONSENT TO SUCH EXAMINATION SHALL ED IN THE RESIDENT'S HEALTH INFORMATION RECORD. EACH RESIDENT OR RESIDENT VE SHALL BE INFORMED THAT UNDIAGNOSED ORAL HEALTH ISSUES MAY LEAD TO FUTURE HEALTH
39 40		A)		ACILITY SHALL ENSURE THAT THE DENTAL EXAMINATION IS CONDUCTED ACCORDING TO CURRENT AL PRACTICE.

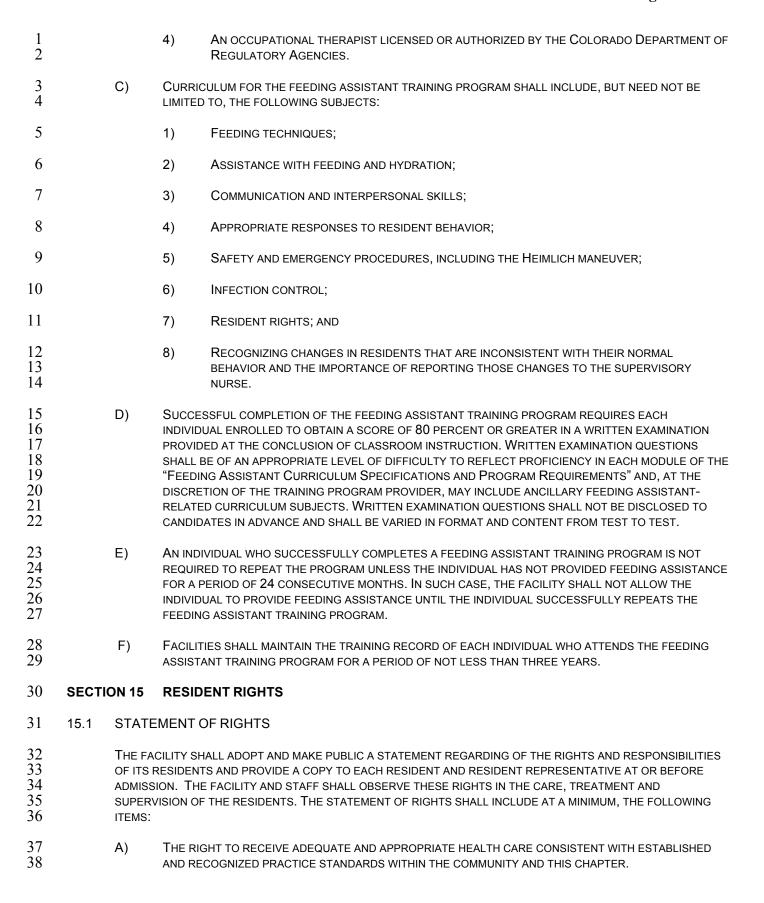
1 2 3		B)	WHILE THE FACILITY IS NOT RESPONSIBLE TO PAY FOR SUCH SERVICES, THE FACILITY SHALL INFORM ALL RESIDENTS ABOUT PUBLIC BENEFITS FOR DENTAL SERVICES AND ASSIST RESIDENTS IN ACCESSING SUCH BENEFITS AND SERVICES.					
4 5 6 7		C)	IN LIEU OF THE ADMISSION EXAMINATION, THE FACILITY MAY ACCEPT WRITTEN RESULTS OF A RESIDENT'S ORAL EXAMINATION ADMINISTERED DURING A PERIOD NOT TO EXCEED SIX MONTHS PRIOR TO ADMISSION. DOCUMENTATION OF SUCH EXAMINATION SHALL BE ENTERED INTO THE RESIDENT'S HEALTH INFORMATION RECORD.					
8	12.2	DENT	AL RECORDS					
9 10 11		AGREE	ENTIST OR THE DENTAL HYGIENIST IS RESPONSIBLE FOR THE DENTAL RECORD. FOR RESIDENTS WHO TO HAVE DENTAL SERVICES, THE FACILITY SHALL TAKE ALL NECESSARY STEPS TO ASSURE THAT THERE DIMPLETE, ACCURATE DENTAL RECORDS THAT INCLUDE THE FOLLOWING:					
12		A)	RESULTS OF ALL CURRENT DENTAL EXAMINATIONS AND PLANS FOR TREATMENT.					
13		B)	ONE OF THE FOLLOWING TO DOCUMENT PROVISION OF PLANNED TREATMENT:					
14			1) RECORD OF TREATMENT PROVIDED PURSUANT TO A PLAN FOR TREATMENT, OR					
15 16 17 18			2) DOCUMENTATION THAT A RESIDENT OF A NURSING CARE FACILITY OR RESIDENT REPRESENTATIVE IS AWARE OF ANY AND ALL SPECIFIC ORAL PATHOLOGY IDENTIFIED DURING AN ORAL EXAMINATION OF THE RESIDENT, BUT ELECTS NOT TO OBTAIN TREATMENT BECAUSE OF COST OR OTHER REASONS.					
19	12.3	ORAL	APPLIANCES					
20 21 22 23		HYGIEN TOOTH	UPON CONSENT, ALL RESIDENTS' REMOVABLE ORAL APPLIANCES OR THEIR CONTAINERS AND PERSONAL HYGIENE APPLIANCES (INCLUDING WITHOUT LIMITATION, FULL DENTURES, PARTIAL DENTURES, AND TOOTHBRUSHES) SHALL BE CLEARLY IDENTIFIED AND MARKED WITH THE USER'S NAME, AS RECOMMENDED BY A DENTIST.					
24	12.4	DENT	AL HYGIENE					
25 26 27		A DENT	CILITY SHALL IMPLEMENT POLICIES FOR DAILY ORAL HYGIENE FOR ITS RESIDENTS, IN CONSULTATION WITH IST OR A DENTAL HYGIENIST. THIS SHALL INCLUDE DAILY REMOVAL AND CLEANING OF REMOVABLE HODONTICS.					
28 29 30		A)	DIRECT CARE STAFF FROM EACH FACILITY SHALL HAVE AT LEAST AN ANNUAL IN-SERVICE TRAINING COURSE IN PREVENTIVE DENTISTRY AND ORAL HYGIENE, CONDUCTED BY A DENTIST OR DENTAL HYGIENIST.					
31	SECTI	ON 13	DIETARY SERVICES					
32	13.1	GENE	RAL STANDARDS					
33 34 35		WITH P	CILITY SHALL PROVIDE MEALS THAT ARE NUTRITIOUS; ATTRACTIVE; WELL BALANCED; IN CONFORMITY RACTITIONER ORDERS AND RESIDENT CHOICE AND SERVED AT THE APPROPRIATE TEMPERATURE IN TO ENHANCE RESIDENTS' HEALTH AND WELL BEING. IT SHALL ALSO OFFER NOURISHING SNACKS.					
36	13.2	ORGA	NIZATION					
37 38			CILITY SHALL HAVE AN ORGANIZED FOOD SERVICE THAT IS APPROPRIATELY PLANNED, EQUIPPED AND					

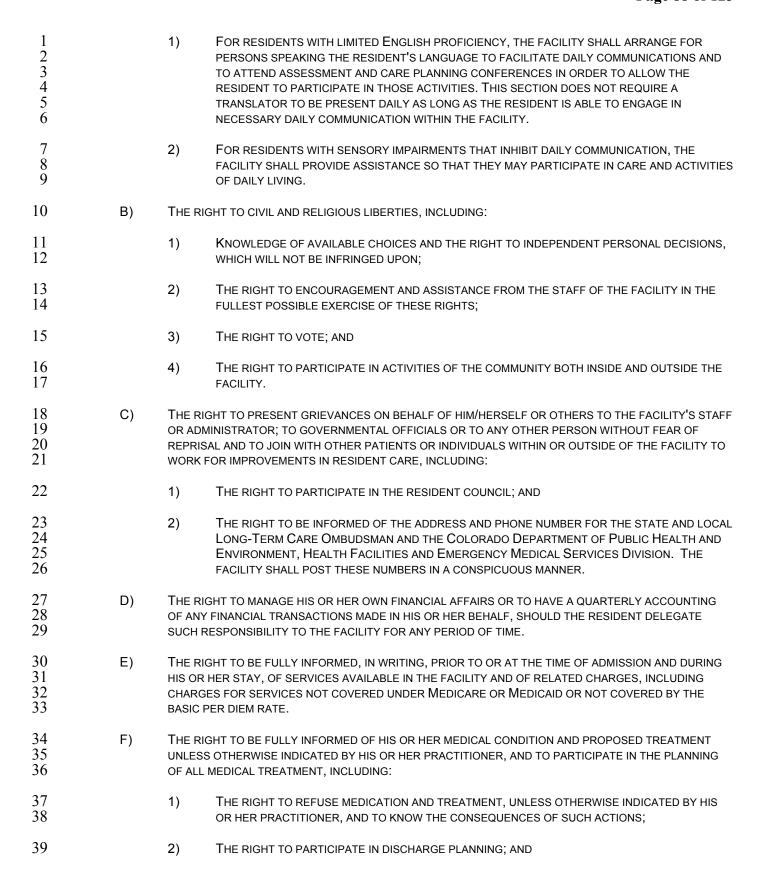
1 2 3 4		NEEDS, NOURIS	PREFER	S COMPARABLE TO NORMAL MEALTIMES IN THE COMMUNITY OR IN ACCORDANCE WITH RESIDENT RENCES, REQUESTS AND PLAN OF CARE. THE FACILITY SHALL MAKE AVAILABLE SUITABLE, TERNATIVE MEALS AND SNACKS FOR RESIDENTS WHO WANT TO EAT AT NON-TRADITIONAL TIMES SCHEDULED MEAL SERVICE TIMES AND IN ACCORDANCE WITH THE RESIDENT PLAN OF CARE.					
5	13.3	PERSO	ONNEL						
6 7				TATOR SHALL DESIGNATE A REGISTERED DIETITIAN WHO MEETS STANDARDS ESTABLISHED BY THE N DIETETIC REGISTRATION TO BE RESPONSIBLE FOR THE DIETARY SERVICES.					
8 9 10		A)	CONSU	A REGISTERED DIETITIAN, THE DESIGNEE SHALL RECEIVE REGULARLY SCHEDULED JLTATION FOR DIETARY SERVICES OVERSIGHT FROM A REGISTERED DIETITIAN AND HAVE CABLE QUALIFICATIONS THAT MEET AT LEAST ONE OF THE CRITERIA LISTED BELOW.					
11 12			1)	A BACHELOR'S DEGREE WITH A MAJOR STUDY IN FOOD, NUTRITION, DIETETICS, OR HOTEL AND/OR RESTAURANT MANAGEMENT;					
13 14			2)	AN ASSOCIATE'S DEGREE WITH A MAJOR IN DIETETIC TECHNOLOGY, FOOD MANAGEMENT, CULINARY ARTS OR HOTEL AND/OR RESTAURANT MANAGEMENT;					
15 16			3)	ELIGIBLE TO TAKE THE EXAM FOR CERTIFYING DIETARY MANAGERS OR CULINARY CERTIFICATION FROM A NATIONAL CREDENTIALED ORGANIZATION;					
17 18			4)	A GRADUATE OF A STATE APPROVED COURSE OF 90 HOURS FOR FOOD SERVICE MANAGEMENT AND TWO YEARS FOOD SERVICE MANAGEMENT EXPERIENCE;					
19			5)	MILITARY EDUCATION AND TRAINING EQUIVALENT TO SUBSECTION (2) OR (4); OR					
20 21 22			6)	A COMBINATION OF TRAINING AND EXPERIENCE DEEMED APPROPRIATE BY THE NURSING HOME ADMINISTRATOR TO MEET THE EXPECTATIONS FOR PROVIDING COMPREHENSIVE DIETARY SERVICES OVERSIGHT.					
23 24		B)		UMBER OF TRAINED FOOD SERVICE PERSONNEL SHALL BE SUFFICIENT TO PROVIDE FOOD SERVICE RESIDENTS IN THE FACILITY OVER A PERIOD OF 12 HOURS OR MORE PER DAY.					
25	13.4	POLIC	POLICIES						
26 27			THE FACILITY SHALL HAVE WRITTEN POLICIES AND PROCEDURES APPROVED BY THE GOVERNING BODY FOR DIETARY PRACTICES.						
28	13.5	ORDE	RS						
29 30			ALL DIETS AND NOURISHMENTS SHALL BE PROVIDED AND SERVED AS ORDERED BY THE ATTENDING PRACTITIONER.						
31	13.6	NUTRITIONAL ASSESSMENT AND PROGRESS NOTES							
32 33				UPERVISOR OR CONSULTANT SHALL PARTICIPATE IN RESIDENT ASSESSMENT AND CARE PLANNING ECTIONS 7.16, 7.20, AND 7.21 OF THIS CHAPTER.					
34 35		A)		UPERVISOR OR CONSULTANT SHALL WRITE PROGRESS NOTES ON EACH RESIDENT AT LEAST AT SIX I INTERVALS.					
36 37		B)		ACILITY SHALL REASONABLY ACCOMMODATE INDIVIDUAL RESIDENT PREFERENCES IN MEALS BY					



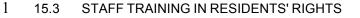
1	13.14	NAIL POLISH AND FALSE NAILS							
2 3		UNLESS WEARING INTACT GLOVES IN GOOD REPAIR, STAFF INVOLVED IN PREPARING AND SERVING FOOD SHALL NOT WEAR NAIL POLISH OR FALSE NAILS.							
4	13.15	DININ	DINING AND RECREATIONAL FACILITIES						
5 6 7 8		HALLW/ ACCOM	DINING AND RECREATION AREAS SHALL BE READILY ACCESSIBLE TO ALL RESIDENTS AND SHALL NOT BE IN A HALLWAY OR LANE OF TRAFFIC IN OR OUT OF THE FACILITY. SUCH SPACE SHALL BE SUFFICIENT TO ACCOMMODATE ACTIVITIES CONDUCTED THERE, CONSISTENT WITH RESIDENT COMFORT AND SAFETY. THE DINING AND RECREATION AREAS MAY BE SEPARATE OR COMBINED.						
9	SECTI	ON 14	FEED	ING ASSISTANTS					
10 11	14.1	"FEEDING ASSISTANT" MEANS AN INDIVIDUAL WHO PROVIDES RESIDENTS WITH ASSISTANCE IN EATING AND DRINKING IN ORDER TO REDUCE THE INCIDENCE OF UNPLANNED WEIGHT LOSS AND DEHYDRATION.							
12	14.2	QUALIFICATIONS							
13 14 15		A) A NURSING CARE FACILITY SHALL ENSURE THAT ITS FEEDING ASSISTANTS ARE QUALIFIED AND TRAINED TO MEETTHE REQUIREMENTS OF THIS SECTION 14, WITH THE EXCEPTION OF THE FOLLOWING INDIVIDUALS WHO SHALL BE CONSIDERED EXEMPT:							
16			1)	LICENSED PRACTITIONERS;					
17			2)	CERTIFIED NURSE AIDES;					
18			3)	SUPERVISED NURSING STUDENTS; AND					
19			4)	RESIDENT FAMILY MEMBERS OR DESIGNEES.					
20		B) THE FACILITY SHALL VERIFY THAT EACH FEEDING ASSISTANT ME		ACILITY SHALL VERIFY THAT EACH FEEDING ASSISTANT MEETS THE FOLLOWING CRITERIA:					
21			1)	HAS NO HISTORY THAT WOULD PRECLUDE INTERACTION WITH RESIDENTS; AND					
22 23			2)	HAS SUCCESSFULLY COMPLETED THE FEEDING ASSISTANT TRAINING PROGRAM DESCRIBED IN SECTION 14.9 OF THIS CHAPTER.					
24	14.3	SUPERVISION							
25 26 27 28		A FEEDING ASSISTANT SHALL WORK UNDER THE SUPERVISION OF AND SHALL REPORT TO A REGISTERED OR LICENSED PRACTICAL NURSE. EACH FEEDING ASSISTANT SHALL BE GIVEN INSTRUCTION BY A REGISTERED NURSE, LICENSED PRACTICAL NURSE OR REGISTERED DIETITIAN CONCERNING THE SPECIFIC FEEDING AND HYDRATION NEEDS OF EACH RESIDENT BEING ASSISTED.							
29	14.4	STAFFING							
30 31		FEEDING ASSISTANTS MAY NOT BE COUNTED TOWARD MEETING OR COMPLYING WITH ANY REQUIREMENT IN NURSING CARE STAFF AND FUNCTIONS OF A FACILITY, INCLUDING MINIMUM NURSE STAFFING REQUIREMENT							
32	14.5	LOCATION							
33 34 35		DETER	MINED S	STANCE MAY BE PERFORMED IN EITHER CONGREGATE DINING AREAS OR RESIDENT ROOMS IF AFE BY THE NURSE IN CHARGE. A NURSE SHALL BE IMMEDIATELY AVAILABLE IN CASE OF AN URING MEALS.					







1 2			3)	THE RIGHT TO REVIEW AND OBTAIN COPIES OF HIS OR HER MEDICAL RECORDS IN ACCORDANCE WITH 6 CCR 1011-1, CHAPTER 2, PART 5.		
3 4		G) THE RIGHT TO HAVE PRIVATE AND UNRESTRICTED COMMUNICATIONS WITH ANY PERSON OF HIS OR HER CHOICE; INCLUDING				
5 6			1)	THE RIGHT TO PRIVACY FOR TELEPHONE CALLS OR USE OF ELECTRONIC COMMUNICATION DEVICES;		
7			2)	THE RIGHT TO RECEIVE MAIL UNOPENED; AND		
8			3)	THE RIGHT TO PRIVATE CONSENSUAL SEXUAL ACTIVITY.		
9 10 11 12		H)	THE RIGHT TO BE FREE FROM MENTAL AND PHYSICAL ABUSE AND FROM PHYSICAL AND CHEMICAL RESTRAINTS, EXCEPT THOSE RESTRAINTS INITIATED THROUGH THE JUDGMENT OF PROFESSIONAL STAFF FOR A SPECIFIED AND LIMITED PERIOD OF TIME OR ON THE WRITTEN AUTHORIZATION OF A PRACTITIONER.			
13		l)	THE RIGHT TO FREEDOM OF CHOICE IN SELECTING A HEALTH CARE FACILITY.			
14 15 16 17		J)	RIGHTS RULES	GHT TO COPIES OF THE FACILITY'S RULES AND REGULATIONS, INCLUDING A COPY OF THESE S, AND AN EXPLANATION OF HIS OR HER RIGHTS AND RESPONSIBILITY TO OBEY ALL REASONABLE AND REGULATIONS OF THE FACILITY AND TO RESPECT THE PERSONAL RIGHTS AND PRIVATE RTY OF THE OTHER PATIENTS.		
18 19			1)	IF THE RESIDENT HAS LIMITED ENGLISH PROFICIENCY, THE RIGHT TO AN EXPLANATION OF RIGHTS AND RESPONSIBILITIES IN A LANGUAGE THE RESIDENT CAN UNDERSTAND; AND		
20 21			2)	THE RIGHT TO SEE FACILITY POLICIES, UPON REQUEST, AND STATE SURVEY REPORTS ON THE FACILITY.		
22 23 24 25		K)	THE RIGHT TO BE TRANSFERRED OR DISCHARGED ONLY FOR MEDICAL REASONS, HIS OR HER WELFARE OR THAT OF OTHER RESIDENTS, OR FOR NONPAYMENT FOR HIS OR HER STAY; AND THE RIGHT TO BE GIVEN REASONABLE ADVANCE NOTICE OF ANY TRANSFER OR DISCHARGE, EXCEPT IN THE CASE OF AN EMERGENCY AS DETERMINED BY PROFESSIONAL STAFF, CONSISTENT WITH SECTION 15.6.			
26		L)	THE R	IGHT NOT TO BE TRANSFERRED OR DISCHARGED FOR RAISING CONCERNS OR COMPLAINTS.		
27 28 29		M)	THE RIGHT TO HAVE PRIVACY IN TREATMENT AND IN CARING FOR PERSONAL NEEDS, CONFIDENTIALITY IN THE TREATMENT OF PERSONAL AND MEDICAL RECORDS, AND SECURITY IN STORING AND USING PERSONAL POSSESSIONS.			
30 31 32		N)	TO REC	GHT TO BE TREATED COURTEOUSLY, FAIRLY AND WITH THE FULLEST MEASURE OF DIGNITY AND CEIVE A WRITTEN STATEMENT OF THE SERVICES PROVIDED BY THE FACILITY, INCLUDING THOSE RED TO BE OFFERED ON AN AS-NEEDED BASIS.		
33 34 35		O)	CERTIF	GHT OF ANY PERSON ELIGIBLE TO RECEIVE MEDICAID TO SELECT ANY NURSING CARE FACILITY FIED FOR PARTICIPATION IN MEDICAID WHERE A CERTIFIED BED IS AVAILABLE AND THE FACILITY EET THE RESIDENT'S NEEDS.		
36	15.2	TRANSFER OF RIGHTS				
37 38		A RESIDENT'S RIGHTS SHALL TRANSFER TO THE RESIDENT REPRESENTATIVE IF THE RESIDENT LACKS DECISIONAL CAPACITY.				

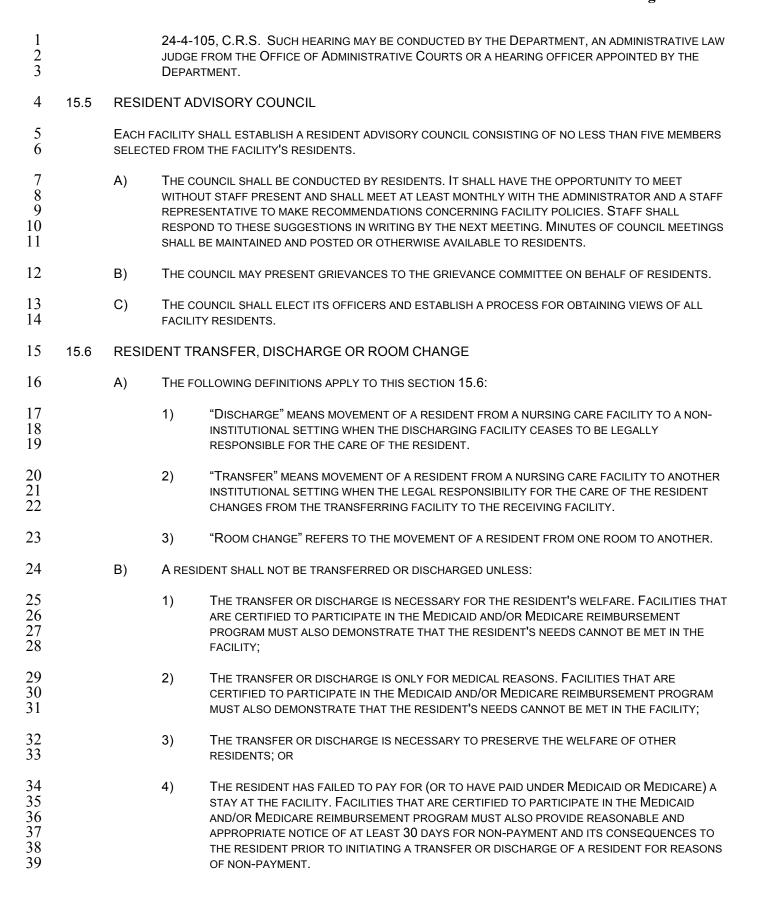


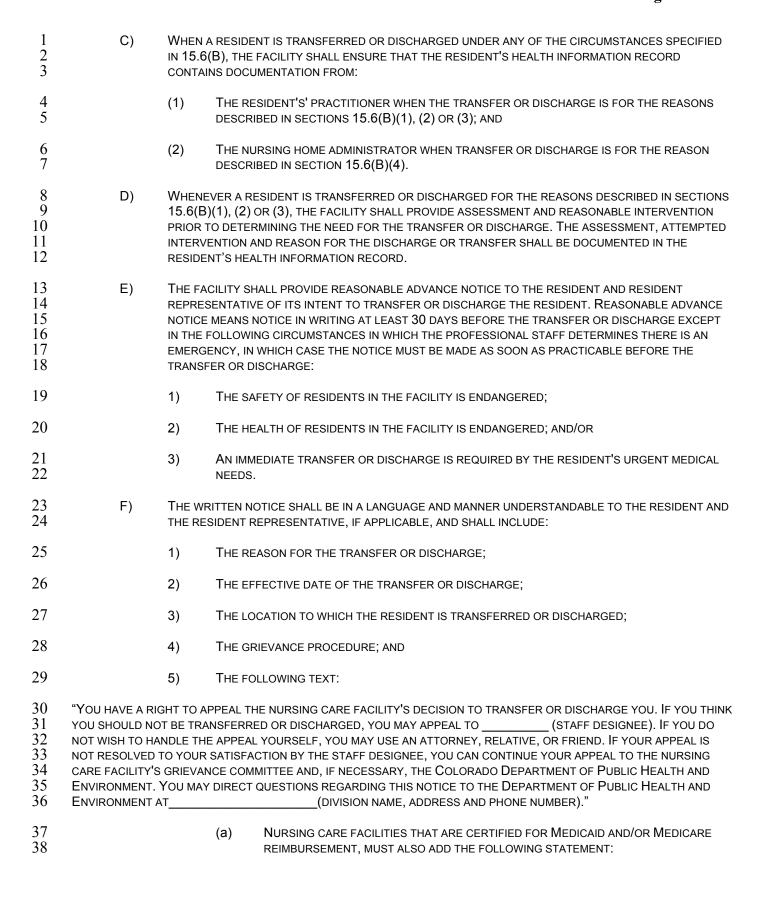
THE FACILITY SHALL TRAIN ALL STAFF IN THE OBSERVATION AND PROTECTION OF RESIDENTS' RIGHTS AND ENSURE THAT A COPY OF THE FACILITY'S STATEMENT OF RESIDENTS' RIGHTS IS AVAILABLE TO ALL NEW AND CURRENT EMPLOYEES.

15.4 GRIEVANCE PROCEDURE

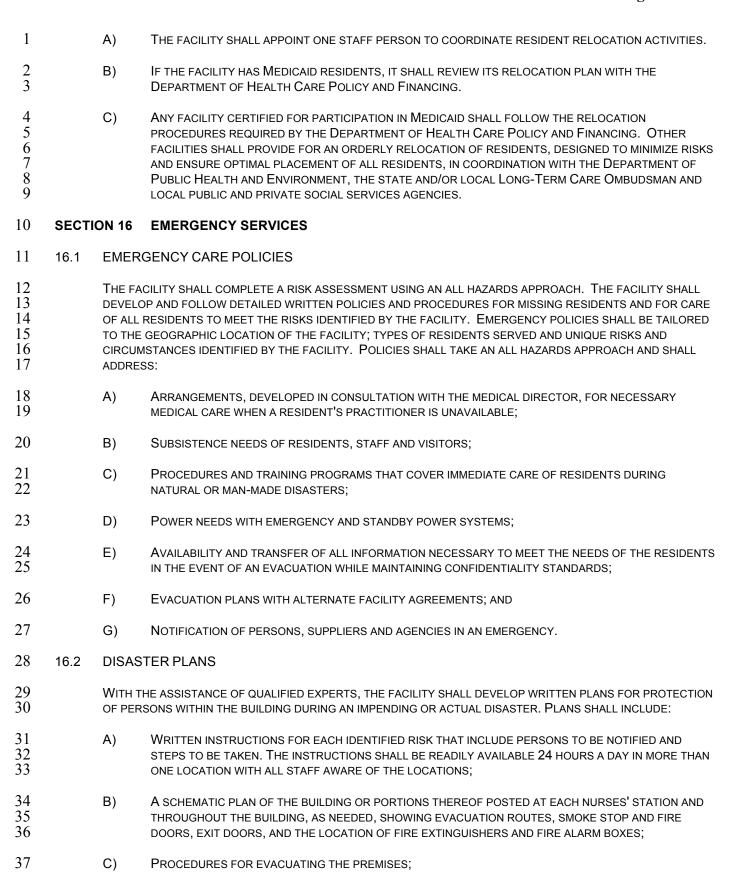
THE FACILITY SHALL DEVELOP A GRIEVANCE PROCEDURE, WHICH IT SHALL POST CONSPICUOUSLY IN A PUBLIC PLACE, FOR PRESENTATION OF GRIEVANCES BY RESIDENTS, RESIDENT REPRESENTATIVES OR THE RESIDENT COUNCIL REGARDING ANY CONDITIONS, TREATMENT OR VIOLATIONS OF RIGHTS OF ANY RESIDENT BY THE FACILITY OR STAFF (REGARDLESS OF THE CONSENT OF THE VICTIM OF THE ALLEGED IMPROPER CONDUCT).

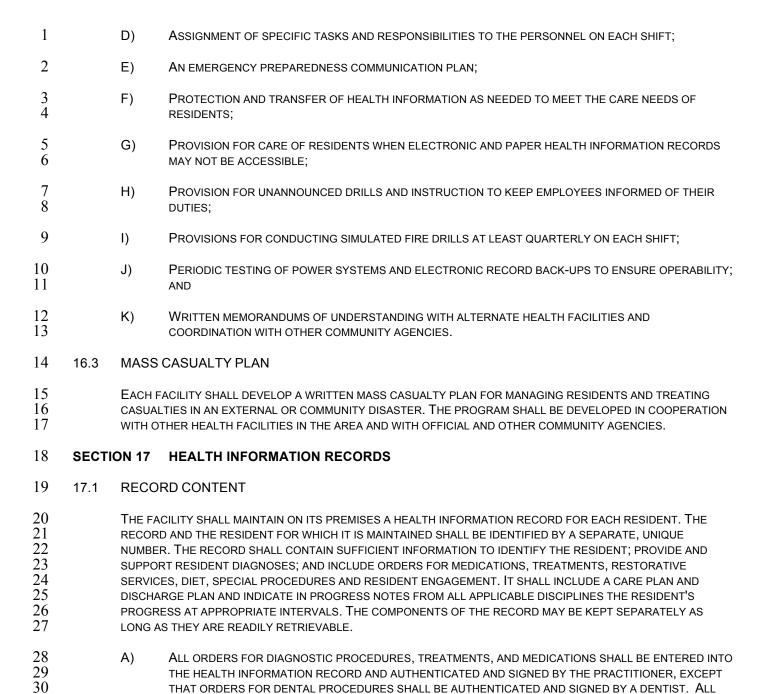
- A) THE FACILITY SHALL DESIGNATE A FULL-TIME STAFF MEMBER ("STAFF DESIGNEE") TO RECEIVE ALL GRIEVANCES.
- B) THE FACILITY SHALL ESTABLISH A GRIEVANCE COMMITTEE CONSISTING OF THE ADMINISTRATOR OR HIS OR HER DESIGNEE, A RESIDENT SELECTED BY THE FACILITY'S RESIDENTS AND A THIRD PERSON AGREED UPON BY THE ADMINISTRATOR AND THE FACILITY'S RESIDENT REPRESENTATIVE.
- C) ANY RESIDENT, RESIDENT REPRESENTATIVE OR THE RESIDENT COUNCIL MAY PRESENT A GRIEVANCE TO THE FACILITY STAFF DESIGNEE ORALLY OR IN WRITING WITHIN 14 DAYS OF THE INCIDENT GIVING RISE TO THE GRIEVANCE.
- D) THE STAFF DESIGNEE SHALL CONFER WITH PERSONS INVOLVED IN THE INCIDENT AND OTHER RELEVANT PERSONS AND, WITHIN THREE DAYS OF RECEIVING THE GRIEVANCE, SHALL PROVIDE A WRITTEN EXPLANATION OF FINDINGS AND PROPOSED REMEDIES TO THE COMPLAINANT AND THE AGGRIEVED PARTY, IF OTHER THAN THE COMPLAINANT, AND RESIDENT REPRESENTATIVE, IF ANY. WHERE APPROPRIATE DUE TO THE MENTAL OR PHYSICAL CONDITION OF THE COMPLAINANT OR AGGRIEVED PARTY, AN ORAL EXPLANATION SHALL ACCOMPANY THE WRITTEN ONE.
- E) IF THE COMPLAINANT OR AGGRIEVED PARTY IS DISSATISFIED WITH THE FINDINGS AND REMEDIES OF THE STAFF DESIGNEE OR THEIR IMPLEMENTATION, WITHIN TEN DAYS OF RECEIVING THE DESIGNEE'S EXPLANATION, THE COMPLAINANT OR AGGRIEVED PARTY MAY FILE THE GRIEVANCE ORALLY OR IN WRITING ALONG WITH ANY ADDITIONAL INFORMATION IT WISHES TO THE GRIEVANCE COMMITTEE.
- F) THE COMMITTEE SHALL CONFER WITH PERSONS INVOLVED IN THE INCIDENT AND OTHER RELEVANT PERSONS, INCLUDING THE COMPLAINANT, AND WITHIN TEN DAYS OF THE DATE OF THE APPEAL SHALL PROVIDE A WRITTEN EXPLANATION OF ITS FINDINGS AND PROPOSED REMEDIES TO THE COMPLAINANT AND THE AGGRIEVED PARTY, IF OTHER THAN THE COMPLAINANT, AND TO THE RESIDENT REPRESENTATIVE, IF ANY. WHERE APPROPRIATE DUE TO THE MENTAL OR PHYSICAL CONDITION OF THE COMPLAINANT OR AGGRIEVED PARTY, AN ORAL EXPLANATION SHALL ACCOMPANY THE WRITTEN ONE.
- G) THE COMPLAINANT OR AGGRIEVED PARTY, IF DISSATISFIED WITH THE FINDINGS AND REMEDIES OF THE GRIEVANCE COMMITTEE OR THEIR IMPLEMENTATION (EXCEPT FOR GRIEVANCES REGARDING PRACTITIONER OR PRACTITIONER-PRESCRIBED TREATMENT), MAY FILE THE GRIEVANCE IN WRITING WITH THE EXECUTIVE DIRECTOR OF THE DEPARTMENT WITHIN TEN DAYS OF RECEIPT OF THE WRITTEN FINDINGS OF THE GRIEVANCE COMMITTEE. THE DEPARTMENT SHALL THEN INVESTIGATE THE FACTS AND CIRCUMSTANCES OF THE GRIEVANCE AND MAKE WRITTEN FINDINGS OF FACT, CONCLUSIONS, AND RECOMMENDATIONS AND PROVIDE THEM TO THE COMPLAINANT, AGGRIEVED PARTY, RESIDENT REPRESENTATIVE, IF ANY, AND THE FACILITY ADMINISTRATOR.
- H) IF THE COMPLAINANT OR FACILITY ADMINISTRATOR IS AGGRIEVED BY THE DEPARTMENT'S FINDINGS AND RECOMMENDATIONS, HE OR SHE MAY REQUEST, WITHIN 30 DAYS OF RECEIPT OF THE FINDINGS AND RECOMMENDATIONS, THAT THE DEPARTMENT SET THE MATTER FOR HEARING PURSUANT TO SECTION





1 2 3	APPEAL		R WRITE	THE STA	TIONS OR COMPLAINTS ABOUT THE TRANSFER OR DISCHARGE OR WOULD LIKE HELP TO ATE OR LOCAL LONG-TERM CARE OMBUDSMAN AT(PHONE
4 5 6 7 8 9				(b)	IF THE RESIDENT WHO IS BEING INVOLUNTARILY TRANSFERRED IS A PERSON WITH A DEVELOPMENTAL DISABILITY FOR WHOM AN AGENCY HAS BEEN AUTHORIZED BY LAW AS THE AGENCY RESPONSIBLE FOR ADVOCACY AND PROTECTION OF THE RIGHTS OF PERSONS WITH DEVELOPMENTAL DISABILITIES, THE NURSING CARE FACILITY MUST ALSO FURNISH TO RESIDENT AND THE RESIDENT REPRESENTATIVE, THE FOLLOWING STATEMENT:
10 11					TIONS OR COMPLAINTS ABOUT THE TRANSFER OR DISCHARGE OR WOULD LIKE HELP TO, (NAME, PHONE NUMBER AND ADDRESS OF THE AGENCY.)"
12 13 14 15 16				(c)	IF THE RESIDENT WHO IS BEING TRANSFERRED IS A PERSON WITH MENTAL ILLNESS FOR WHOM AN AGENCY HAS BEEN AUTHORIZED BY LAW AS THE AGENCY RESPONSIBLE FOR THE ADVOCACY AND PROTECTION OF PERSONS WITH MENTAL ILLNESS, THE NURSING CARE FACILITY MUST ALSO FURNISH TO THE RESIDENT AND THE RESIDENT REPRESENTATIVE THE FOLLOWING STATEMENT:
17 18					TIONS OR COMPLAINTS ABOUT THE TRANSFER OR DISCHARGE OR WOULD LIKE HELP TO, (NAME, PHONE NUMBER AND ADDRESS OF THE AGENCY.)"
19 20 21 22 23 24 25		G)	NURS REIME RIGHT OMBL SAME	ING CARE BURSEMEI S, AND CI JDSMAN) S TIME IT IS	RE A RESIDENT IS BEING INVOLUNTARILY TRANSFERRED OR DISCHARGED FROM A FACILITY THAT IS CERTIFIED TO PARTICIPATE IN THE MEDICAID AND/OR MEDICARE NT PROGRAM, A COPY OF THE WRITTEN NOTICE (INCLUDING THE GRIEVANCE AND APPEAL URRENT CONTACT INFORMATION FOR THE STATE AND LOCAL LONG-TERM CARE SHALL ALSO BE SENT TO THE STATE AND LOCAL LONG-TERM CARE OMBUDSMAN AT THE SENT TO THE RESIDENT OR AS SOON AS THE DETERMINATION IS MADE THAT THE DISCHARGE IS INVOLUNTARY.
26 27		H)			ST PROVIDE SUFFICIENT PREPARATION AND ORIENTATION TO RESIDENTS TO ENSURE ERLY TRANSFER AND DISCHARGE FROM THE FACILITY.
28 29 30 31		I)	RESID WITH	ENT'S CO WRITTEN	CILITY INTENDS TO MOVE A RESIDENT TO ANOTHER ROOM IN THE FACILITY WITHOUT THE DISSENT, THE FACILITY SHALL PROVIDE THE RESIDENT AND RESIDENT REPRESENTATIVE NOTICE OF SUCH INTENT TO BE RECEIVED AT LEAST FIVE DAYS BEFORE SUCH MOVE, EXPLANATION ON THEIR RIGHT TO APPEAL.
32 33		J)			HALL NOT BE INVOLUNTARILY TRANSFERRED, DISCHARGED, OR MOVED TO ANOTHER THE FACILITY UNTIL:
34			1)	THE E	EXPIRATION OF THE NOTICE PERIOD, OR
35			2)	THE T	IME FOR ANY FURTHER ADMINISTRATIVE APPEALS HAS EXPIRED, OR
36			3)	THE G	GRIEVANCE OR APPEAL HAS BEEN RESOLVED.
37	15.7	RESID	DENT R	ELOCAT	ΓΙΟΝ
38 39 40 41		PUBLIC FINANC	CHEALT CING, IF	H AND EN IT HAS MI	O CLOSE OR CHANGE BED CLASSIFICATION, IT SHALL NOTIFY THE DEPARTMENT OF NVIRONMENT AND THE COLORADO DEPARTMENT OF HEALTH CARE POLICY AND EDICAID RESIDENTS, AT LEAST 60 DAYS BEFORE IT EXPECTS TO CEASE OR CHANGE AST SEVEN DAYS BEFORE IT NOTIFIES RESIDENTS AND FAMILIES.





THAT ORDERS FOR DENTAL PROCEDURES SHALL BE AUTHENTICATED AND SIGNED BY A DENTIST. ALL

AUTHENTICATED BY THE PERSON OR ENTITY SUBMITTING THEM AND INCORPORATED INTO THE HEALTH

ALL ENTRIES IN THE HEALTH INFORMATION RECORD SHALL BE CURRENT, DATED, AND SIGNED OR

AUTHENTICATED. THE RESPONSIBILITY FOR COMPLETING THE HEALTH INFORMATION RECORD RESTS

HEALTH INFORMATION RECORD SHALL BE ACCOMPLISHED BY HAND WRITTEN SIGNATURE, IDENTIFIABLE

WITH THE ATTENDING PRACTITIONER AND THE FACILITY ADMINISTRATOR. AUTHENTICATION OF THE

REPORTS OF X-RAY, LABORATORY TESTS, EKG, AND OTHER DIAGNOSTIC TESTS SHALL BE

INFORMATION RECORD WITHIN TWO DAYS AFTER RECEIPT BY THE FACILITY.

INITIALS OR DIGITIZED ELECTRONIC SIGNATURE.

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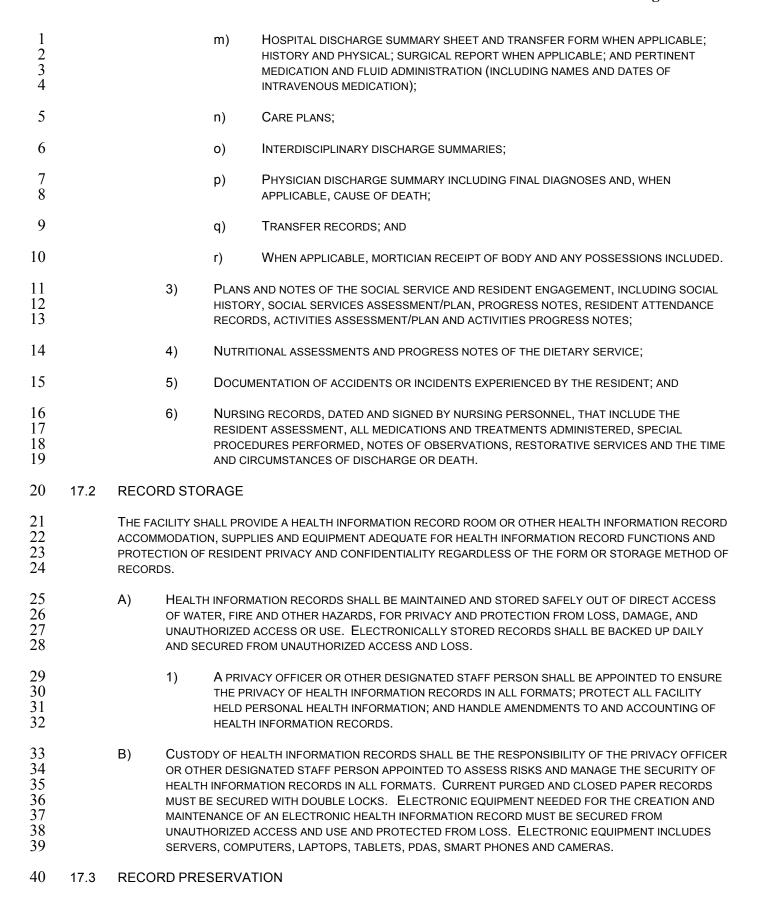
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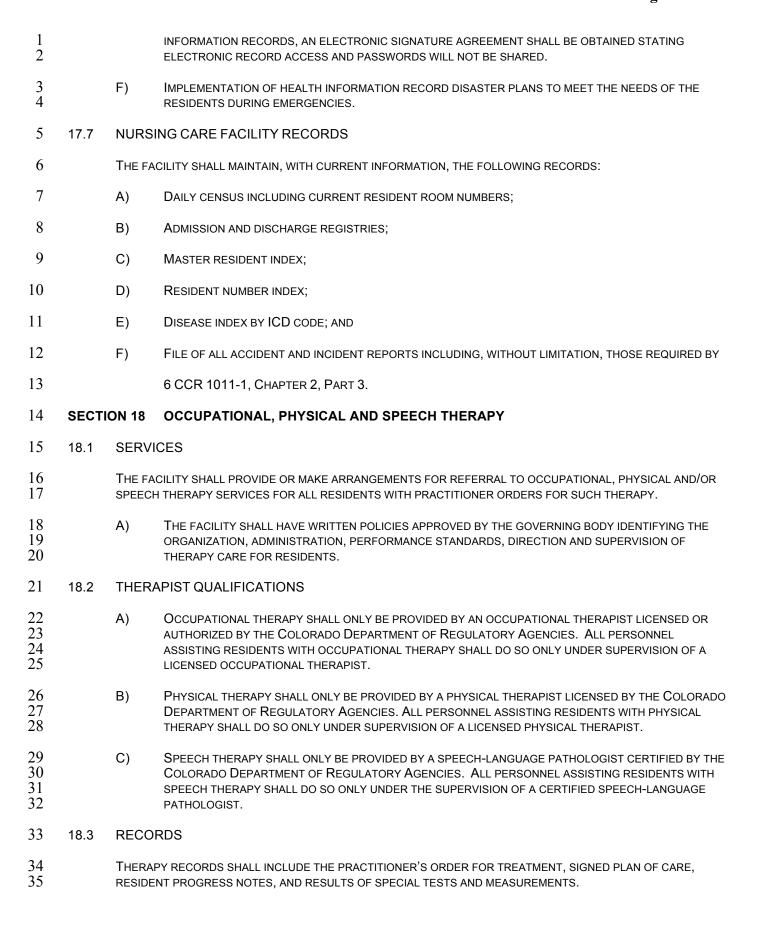
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Page 98 of 123

1 2 3	C)	TIME C	F ADMISS	HEALTH INFORMATION RECORD SHALL BE MAINTAINED ON EVERY RESIDENT FROM THE SION THROUGH THE TIME OF DISCHARGE. ALL HEALTH INFORMATION RECORDS SHALL DILLOWING ITEMS.
4		1)	IDENTI	FICATION AND SUMMARY SHEET (FACE SHEET) THAT INCLUDES:
5 6 7 8			a)	RESIDENT'S LEGAL NAME, PREFERRED NAME, HEALTH INFORMATION RECORD NUMBER SOCIAL SECURITY NUMBER, HEALTH INSURANCE INFORMATION, MARITAL STATUS, AGE, RACE, HOME ADDRESS, DATE OF BIRTH, RELIGION, LIFETIME OCCUPATION, GENDER AND LANGUAGE;
9			b)	NAME, ADDRESS AND PHONE NUMBER OF ATTENDING PRACTITIONER(S);
10 11			c)	Name of medical power of attorney, next of kin and/or resident representative, if known;
12			d)	DATE AND TIME OF ADMISSION AND DISCHARGE;
13			e)	PLACE ADMITTED FROM AND DISCHARGED TO; AND
14 15			f)	ADMITTING DIAGNOSIS, FINAL DIAGNOSIS(ES), CONDITION ON DISCHARGE AND DISPOSITION
16		(2)	MEDIC	AL DATA THAT INCLUDES:
17			a)	PAST MEDICAL HISTORY;
18			b)	ADVANCE DIRECTIVES AND LEGAL AUTHORITY DOCUMENTATION;
19 20			c)	DOCUMENTATION OF AN INITIAL COMPREHENSIVE PHYSICIAN VISIT WITHIN 30 DAYS OF ADMISSION AND RE-ADMISSION BASED ON RESIDENT NEED AND AT LEAST ANNUALLY;
21			d)	INFORMED CONSENTS, RELEASES AND NOTIFICATIONS;
22 23			e)	PRACTITIONER ORDERS OF ALL MEDICATIONS, TREATMENT, DIET, RESTORATIVE AND SPECIAL PROCEDURES;
24 25			f)	REPORTS OF ANY SPECIAL EXAMINATIONS, INCLUDING LABORATORY AND X-RAY REPORTS;
26			g)	REPORTS OF CONSULTATIONS BY CONSULTING PRACTITIONERS, IF ANY;
27			h)	REPORTS FROM ALL CONSULTING PERSONS AND AGENCIES, IF ANY;
28 29			i)	REPORTS OF SPECIAL TREATMENTS, SUCH AS PHYSICAL, OCCUPATIONAL, SPEECH OR RESPIRATORY THERAPY;
30			j)	HOSPICE, DIALYSIS, ULCER AND/OR WOUND CARE;
31			k)	DENTAL REPORTS, IF ANY;
32 33			l)	TREATMENT AND PROGRESS NOTES WRITTEN AND SIGNED BY THE PRACTITIONER AT THE TIME OF EACH VISIT,



1 ALL HEALTH INFORMATION RECORDS SHALL BE COMPLETED NO LATER THAN 30 DAYS FOLLOWING RESIDENT 2 DISCHARGE; FILED, ARCHIVED AND REPRODUCIBLE FOR TEN YEARS AFTER THE DATE OF THE LAST DISCHARGE. 3 17.4 RECORD MAINTENANCE 4 THE FACILITY SHALL IDENTIFY AND MAKE PROVISIONS FOR THE COMPLETE AND ACCURATE MAINTENANCE OF THE 5 RESIDENT HEALTH INFORMATION RECORD TO ENSURE PRIVACY, CONFIDENTIALITY AND SECURITY STANDARDS. 6 **STAFFING** 17.5 7 THE FACILITY SHALL EMPLOY HEALTH INFORMATION MANAGEMENT STAFF IN SUFFICIENT NUMBER TO MEET THE 8 NEEDS OF THE FACILITY. STAFF MEMBERS SHALL BE CONSIDERED QUALIFIED IF THEY MEET EITHER OF THE 9 CRITERIA BELOW. 10 1) A REGISTERED HEALTH INFORMATION ADMINISTRATOR (RHIA) OR REGISTERED HEALTH INFORMATION 11 TECHNICIAN (RHIT) WITH EITHER ONE YEAR OF EXPERIENCE IN A NURSING CARE FACILITY OR, IF NO 12 EXPERIENCE IN A NURSING CARE FACILITY, REGULAR CONSULTATIONS FOR ONE YEAR WITH A QUALIFIED 13 RHIA or RHIT; or 14 2) DEDICATED STAFF MEMBER(S) WITH ONE YEAR WORK EXPERIENCE AND/OR TRAINING IN HEALTH 15 INFORMATION MANAGEMENT AND REGULAR CONSULTATIONS FROM A QUALIFIED RHIA OR RHIT. 16 17.6 STAFF RESPONSIBILITIES 17 HEALTH INFORMATION STAFF SHALL BE RESPONSIBLE FOR ALL OF THE FOLLOWING ITEMS: 18 A) THE AUDITING, MAINTENANCE, SUPERVISION, CODING, CLOSING, SCANNING, FILING AND PROVIDING 19 SECURE STORAGE OF ALL RESIDENT HEALTH INFORMATION RECORDS. 20 B) PROVIDING ACCESS TO AND RELEASE OF HEALTH INFORMATION PER SECTION 25-1-801, C.R.S. 21 C) REPORTING TO THE NURSING HOME ADMINISTRATOR ANY IRREGULARITIES IDENTIFIED DURING AUDITS, 22 SURVEYS OR OTHER INVESTIGATIONS BY THE DEPARTMENT. 23 D) OBTAINING, MAINTAINING AND SECURING CURRENT CREDENTIALING DOCUMENTATION FOR ALL NON-24 EMPLOYEE PRACTITIONERS. CONSULTANTS AND OTHER LICENSED PROFESSIONALS WHO PROVIDE 25 SERVICES IN THE FACILITY INCLUDING, WHEN APPLICABLE, THE FOLLOWING: 26 1) DEA LICENSE: 27 2) NPI NUMBER; 28 3) MEDICAID PROVIDER NUMBER; 29 4) LIABILITY INSURANCE INFORMATION; 30 5) PROOF OF MONTHLY OFFICE OF INSPECTOR GENERAL (OIG) EXCLUSION LIST CHECKS 31 AND ANNUAL PECOS ENROLLMENT CHECKS AS REQUIRED BY FEDERAL REGULATION; 32 AND 33 6) TUBERCULOSIS TEST RESULTS AND ANNUAL INFLUENZA VACCINATION 34 DOCUMENTATION. 35 E) OBTAINING AUTHENTICATION OF SIGNATURE AND INITIALS FROM EACH PRACTITIONER, CONSULTANT AND 36 OTHER LICENSED PROFESSIONAL WHO PROVIDES SERVICES TO RESIDENTS. FOR ELECTRONIC HEALTH



1 18.4 COMMUNICATION 2 THE FACILITY SHALL ENSURE THAT THE THERAPIST COMMUNICATES TO THE FACILITY THE RESIDENT'S CONDITION 3 AND RESPONSE TO TREATMENT WITHIN 14 DAYS OF INITIATION OF TREATMENT AND EVERY 30 DAYS THEREAFTER 4 WHILE TREATMENT CONTINUES. 5 18.5 SPACE AND EQUIPMENT 6 THE FACILITY SHALL PROVIDE SPACE, APPROPRIATE EQUIPMENT AND STORAGE AREAS ADEQUATE FOR THERAPY 7 ON ALL REFERRED RESIDENTS. SERVICES SHALL BE PROVIDED IN AN AREA READILY ACCESSIBLE TO RESIDENTS. 8 EQUIPMENT SHALL BE PROPERLY MAINTAINED TO ENSURE SAFETY OF RESIDENTS AND STAFF. 9 SECTION 19 PHARMACEUTICAL SERVICES 10 19.1 **ORGANIZATION** 11 THE PHARMACEUTICAL SERVICES OF THE FACILITY SHALL BE ORGANIZED AND MAINTAINED EXCLUSIVELY FOR THE 12 BENEFIT OF THE FACILITY'S RESIDENTS. 13 A) THE PHARMACEUTICAL SERVICE SHALL BE SUPERVISED BY A CONSULTANT PHARMACIST LICENSED TO 14 PRACTICE PHARMACY IN THE STATE OF COLORADO. 15 1) IN THE EVENT OF A CONFLICT BETWEEN THE RULES IN THIS SECTION REGARDING 16 PHARMACEUTICAL SERVICES AND THE COLORADO BOARD OF PHARMACY RULES AT 3 CCR 17 719-1, THE LATER SHALL CONTROL. 18 B) ALL COMPOUNDING AND DISPENSING SHALL BE FROM A PHARMACY LICENSED BY THE COLORADO 19 BOARD OF PHARMACY IN ACCORDANCE WITH ALL PHARMACY LAWS AND REGULATIONS. 20 19.2 **ADVISORY COMMITTEES** 21 A) THE FACILITY SHALL ESTABLISH A PHARMACEUTICAL ADVISORY COMMITTEE THAT INCLUDES A 22 REGISTERED NURSE, THE CONSULTING PHARMACIST AND THE MEDICAL DIRECTOR, TO ASSIST IN THE 23 FORMULATION OF BROAD PROFESSIONAL POLICIES AND PROCEDURES RELATING TO PHARMACEUTICAL 24 SERVICE IN THE FACILITY. 25 B) THE FACILITY SHALL ESTABLISH A PSYCHOTROPIC ADVISORY COMMITTEE THAT INCLUDES, AT A 26 MINIMUM, A REGISTERED NURSE, THE CONSULTING PHARMACIST, THE MEDICAL DIRECTOR AND A SOCIAL 27 WORKER. 28 19.3 MEDICATION REQUISITION AND STORAGE POLICIES 29 THE FACILITY SHALL DESIGNATE IN WRITTEN POLICIES, APPROVED BY THE GOVERNING BODY, THE PERSON 30 AUTHORIZED TO REQUISITION, RECEIVE, CONTROL AND MANAGE MEDICATIONS. 31 A) RESIDENT MEDICATIONS SHALL BE OBTAINED FROM A LICENSED PHARMACY ON AN INDIVIDUAL 32 PRESCRIPTION BASIS FOR EACH RESIDENT. 33 B) MEDICATIONS BROUGHT INTO A FACILITY BY A RESIDENT SHALL BE IN THE ORIGINAL PACKAGING WITH 34 LEGIBLE DIRECTIONS FOR ADMINISTRATION. 35 C) UNLESS THE FACILITY USES A UNIT DOSE SYSTEM, EACH RESIDENT MEDICATION SHALL BE STORED IN 36 INDIVIDUAL, ORIGINALLY RECEIVED CONTAINERS OR "BLISTER" OR "BUBBLE" CARDS THAT ARE CLEARLY 37 AND LEGIBLY LABELED WITH THE MEDICATION NAME, STRENGTH, DOSAGE FREQUENCY AND MODE OF 38 ADMINISTRATION; DATE OF ISSUE AND EXPIRATION; NAME OF PRESCRIBING PRACTITIONER OR DENTIST;

1 DISPENSING PHARMACY NAME, ADDRESS AND TELEPHONE NUMBER; AND THE FULL NAME OF THE 2 RESIDENT FOR WHOM THE MEDICATION IS PRESCRIBED. 3 D) THE FACILITY SHALL PROTECT EACH RESIDENT'S MEDICATIONS FROM USE BY OTHER RESIDENTS, 4 VISITORS, AND STAFF. 5 19.4 **CONSULTING PHARMACIST** 6 THE FACILITY SHALL CONTRACT IN WRITING WITH A LICENSED PHARMACIST OR PHARMACY TO PROVIDE 7 CONSULTANT PHARMACIST SERVICE TO BE RESPONSIBLE FOR ALL PHARMACEUTICAL MATTERS IN THE FACILITY. THE CONTRACT SHALL SET FORTH THE FEES TO BE PAID FOR SERVICES AND THE PHARMACIST'S RESPONSIBILITIES, INCLUDING AT LEAST THE FOLLOWING: 10 A) LEGAL COMPOUNDING; 11 B) PROMPT DISPENSING OF PROPERLY LABELED INDIVIDUAL RESIDENT PRESCRIPTIONS; 12 C) INVENTORY CONTROL; 13 D) ESTABLISHMENT OF NECESSARY RECORDS; 14 E) PERIODIC INSPECTION OF ALL PHARMACEUTICAL SUPPLIES, MEDICATIONS AND PROCEDURES 15 ON ALL RESIDENT CARE UNITS INCLUDING INSPECTION OF PRESCRIPTION LABELS, EXPIRATION DATES, STORAGE AND EMERGENCY KIT PROCEDURES; 17 F) PROVISION OF AN EMERGENCY MEDICAL KIT, WHICH REMAINS THE PROPERTY OF A LICENSED 18 PHARMACY APPROVED BY THE PHARMACEUTICAL ADVISORY COMMITTEE AND THE COLORADO 19 STATE BOARD OF PHARMACY: 20 G) REGULARLY SCHEDULED VISITS AND CONSULTATIONS AND AT LEAST ANNUAL IN-SERVICE 2.1 TRAINING TO STAFF; 22 H) DETERMINATION OF PROPER PROCUREMENT AND MAINTENANCE OF ALL PRESCRIPTIONS AND OTHER MEDICATIONS; I) DEVELOPMENT OF PROPER ACCOUNTING PROCEDURES FOR CONTROLLED SUBSTANCES AND 25 LEGEND MEDICATIONS: 26 J) EVALUATION OF THE POLICIES OF THE PHARMACEUTICAL ADVISORY COMMITTEE; AND 27 QUARTERLY REPORTS TO THE PHARMACEUTICAL ADVISORY COMMITTEE ON THE STATUS OF K) 28 PHARMACY SERVICES. 29 19.5 **TELEHEALTH** 30 THE CONSULTING PHARMACIST MAY UTILIZE TELEHEALTH FOR THE PERFORMANCE OF ANY TASK SET FORTH IN 31 THESE REGULATIONS EXCEPT THOSE TASKS WHERE THE REGULATIONS SPECIFICALLY REQUIRE IN-PERSON 32 INSPECTION OR FACE TO FACE EVALUATION. 33 19.6 **CONTROLLED SUBSTANCES** 34 ONLY PRACTITIONERS AUTHORIZED UNDER THE LAWS OF THE STATE OF COLORADO AND PROPERLY 35 REGISTERED WITH THE FEDERAL GOVERNMENT SHALL PRESCRIBE CONTROLLED SUBSTANCES. THE FACILITY 36 SHALL COMPLY WITH ALL FEDERAL AND STATE LAWS AND REGULATIONS RELATING TO PROCUREMENT, STORAGE, ADMINISTRATION AND DISPOSAL OF CONTROLLED SUBSTANCES. UNLESS THE FACILITY USES A UNIT DOSE

1 SYSTEM, IT SHALL MAINTAIN A RECORD ON A SEPARATE SHEET FOR EACH RESIDENT RECEIVING A CONTROLLED 2 SUBSTANCE, WHICH CONTAINS THE NAME OF THE CONTROLLED SUBSTANCE; STRENGTH AND DOSAGE; DATE AND 3 TIME ADMINISTERED: RESIDENT NAME: NAME OF PRESCRIBING PHYSICIAN OR ADVANCE PRACTICE NURSE: 4 SIGNATURE OF PERSON ADMINISTERING AND THE QUANTITY OF THE CONTROLLED SUBSTANCE REMAINING. 5 19.7 INVESTIGATIONAL MEDICATIONS 6 IF INVESTIGATIONAL MEDICATIONS ARE USED, POLICIES AND PROCEDURES SHALL BE DEVELOPED AND A) 7 IMPLEMENTED FOR SAFE AND PROPER USE. 8 B) INVESTIGATIONAL MEDICATIONS SHALL BE USED ONLY: 9 1) WHEN THERE IS WRITTEN APPROVAL OF AN INSTITUTIONAL REVIEW BOARD (IRB), 10 ESTABLISHED IN ACCORDANCE WITH FEDERAL LAW AND REGULATION; AND 11 2) UNDER THE SUPERVISION OF A MEMBER OF THE MEDICAL STAFF AND ADMINISTERED IN 12 ACCORDANCE WITH AN IRB APPROVED PROTOCOL. 13 19.8 DISPOSITION OF MEDICATIONS. MEDICAL DEVICES AND MEDICAL SUPPLIES 14 A) IF CONTROLLED SUBSTANCES (SCHEDULES 2 THROUGH 5) ARE BEING HELD BY A FACILITY ON BEHALF 15 OF A RESIDENT AND THE CONTROLLED SUBSTANCES ARE NO LONGER NEEDED, THE FACILITY SHALL 16 CONDUCT ON-SITE DESTRUCTION OF THE CONTROLLED SUBSTANCES AS FOLLOWS: 17 1) THE FACILITY SHALL PROPERLY INVENTORY THE DESTRUCTION AND KEEP THE INVENTORY 18 COPY ON FILE FOR AT LEAST TWO YEARS; 19 2) DESTRUCTION OF CONTROLLED SUBSTANCES SHALL BE WITNESSED AND DOCUMENTED IN 20 WRITING BY THE ADMINISTRATOR OR DESIGNEE AND TWO CLINICALLY LICENSED INDIVIDUALS; 21 AND 22 3) THE DESTRUCTION SHALL BE PERFORMED IN A MANNER THAT RENDERS THE CONTROLLED 23 SUBSTANCES TOTALLY IRRETRIEVABLE. 24 B) ONCE A DEA CONTROLLED SUBSTANCE, OR ANY MEDICATION REQUIRING DISPOSAL, HAS BEEN 25 RENDERED TOTALLY IRRETRIEVABLE. THE FACILITY SHALL COMPLY WITH ALL APPLICABLE FEDERAL. 26 STATE, AND LOCAL LAWS INCLUDING SOLID AND HAZARDOUS WASTE DISPOSAL REGULATIONS. 27 C) IF A FACILITY MEETS THE CRITERIA IN 6 CCR 1011-1, CHAPTER 2, PART 7.202, IT MAY RETURN 28 UNUSED MEDICATIONS OR MEDICAL SUPPLIES AND USED OR UNUSED MEDICAL DEVICES TO A 29 PHARMACIST WITHIN THE FACILITY OR TO A PRESCRIPTION DRUG OUTLET IN ORDER FOR THE 30 MATERIALS TO BE RE-DISPENSED TO ANOTHER RESIDENT OR PATIENT, OR DONATED TO A NONPROFIT 31 ENTITY THAT HAS THE LEGAL AUTHORITY TO POSSESS THE MATERIALS OR TO A PRACTITIONER 32 AUTHORIZED BY LAW TO DISPENSE THE MATERIALS. 33 1) A PERSON OR ENTITY IS NOT SUBJECT TO CIVIL OR CRIMINAL LIABILITY OR PROFESSIONAL 34 DISCIPLINARY ACTION FOR DONATING, ACCEPTING, DISPENSING OR FACILITATING THE 35 DONATION OF MATERIAL IN GOOD FAITH, WITHOUT NEGLIGENCE, AND IN COMPLIANCE WITH 36 COLORADO LAW. 37 19.10 MEDICATION RELEASE 38 UPON DISCHARGE, THE FACILITY STAFF SHALL RELEASE MEDICATIONS TO A RESIDENT ONLY WITH WRITTEN 39 PRACTITIONER AUTHORIZATION.

1 19.11 RESIDENT MEDICATION PROFILE RECORD 2 THE DISPENSING PHARMACIST SHALL MAINTAIN MEDICATION PROFILE RECORDS ON EACH RESIDENT FOR WHOM 3 MEDICATIONS ARE DISPENSED. 4 SECTION 20 DIAGNOSTIC SERVICES 5 20.1 **POLICIES** 6 THE FACILITY SHALL ESTABLISH AND FOLLOW POLICIES FOR OBTAINING CLINICAL LABORATORY, IMAGING AND 7 OTHER DIAGNOSTIC SERVICES. 8 20.2 PRACTITIONER ORDERS 9 DIAGNOSTIC SERVICES SHALL BE PROVIDED ONLY ON THE ORDER OF THE ATTENDING PRACTITIONER. 10 **TRANSPORTATION** 20.3 11 THE FACILITY SHALL ASSIST RESIDENTS TO MAKE ARRANGEMENTS FOR TRANSPORTATION OF RESIDENTS AND/OR 12 LABORATORY SPECIMENS TO AND FROM THE SOURCE OF DIAGNOSTIC SERVICES. 13 **SECTION 21** PHYSICAL PLANT STANDARDS 14 21.1 **COMPLIANCE WITH FGI GUIDELINES** 15 EFFECTIVE JULY 1, 2013, ALL NURSING CARE FACILITIES SHALL BE CONSTRUCTED IN CONFORMITY WITH THE 16 STANDARDS ADOPTED BY THE DIRECTOR OF THE DIVISION OF FIRE PREVENTION AND CONTROL (DFPC) AT THE 17 COLORADO DEPARTMENT OF PUBLIC SAFETY. FOR CONSTRUCTION INITIATED OR SYSTEMS INSTALLED ON OR 18 AFTER JULY 1, 2013, THAT AFFECT PATIENT HEALTH AND SAFETY AND FOR WHICH DFPC HAS NO APPLICABLE 19 STANDARDS, EACH FACILITY SHALL CONFORM TO THE RELEVANT SECTION(S) OF THE GUIDELINES FOR DESIGN 20 AND CONSTRUCTION OF HEALTH CARE FACILITIES, (2010 EDITION), FACILITIES GUIDELINES INSTITUTE. THE 21 GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES, (2010 EDITION), FACILITIES 22 GUIDELINES INSTITUTE (FGI), IS HEREBY INCORPORATED BY REFERENCE AND EXCLUDES ANY LATER 23 AMENDMENTS TO OR EDITIONS OF THE GUIDELINES. THE 2010 FGI GUIDELINES ARE AVAILABLE AT NO COST IN A 24 READ-ONLY VERSION AT: HTTP://FGIGUIDELINES.ORG/DIGITALCOPY.PHP 25 SECTION 22 RESIDENT CARE UNIT 26 22.1 A RESIDENT CARE UNIT IS A DESIGNATED AREA OF A NURSING CARE FACILITY CONSISTING OF A BEDROOM OR A 27 GROUPING OF BEDROOMS WITH SUPPORTING FACILITIES AND SERVICES THAT ARE PLANNED, ORGANIZED, 28 OPERATED AND MAINTAINED TO PROVIDE ADEQUATE NURSING AND SUPPORTIVE CARE OF NOT MORE THAN 60 29 RESIDENTS. 30 22.2 PRIVATE AND MULTI-BED ROOMS 31 THE NURSING CARE FACILITY SHALL PROVIDE PRIVATE AND/OR MULTI-BED ROOMS TO MEET RESIDENT NEEDS. 32 THERE SHALL BE NO MORE THAN FOUR BEDS PER ROOM. 33 A) MINIMUM ROOM AREA, EXCLUSIVE OF CLOSETS, LOCKERS, WARDROBES OF ANY TYPE, VESTIBULES AND 34 TOILET ROOMS, SHALL BE 100 SQ. FT. FOR ONE-BED ROOMS AND 80 SQ. FT. PER BED IN MULTI-BED ROOMS. 36 B) PRIVACY SHALL BE PROVIDED FOR EACH RESIDENT IN A MULTI-BED ROOM BY THE INSTALLATION OF 37 OPAQUE FLAME RETARDANT CUBICLE CURTAINS OR MOVABLE SCREENING.

2 3 4	C)	SHALL PORTIC	OPEN WITHOUT THE USE OF TOOLS. IF A MECHANICAL VENTILATION SYSTEM IS PROVIDED, A ON OF THE REQUIRED WINDOW SHALL OPEN WITHOUT THE USE OF TOOLS. PRIVACY FOR THE SENT AND CONTROL OF LIGHT SHALL BE PROVIDED AT EACH WINDOW.
5	D)	EACH	BEDROOM SHALL HAVE DIRECT ENTRY FROM A CORRIDOR.
6	E)	ARTIFI	CIAL LIGHT SHALL BE PROVIDED AND INCLUDE:
7		1)	GENERAL ILLUMINATION;
8		2)	OTHER SOURCES OF ILLUMINATION FOR READING, OBSERVATION, EXAMINATIONS AND TREATMENTS; AND
10		3)	NIGHT LIGHT CONTROLLED AT THE DOOR OF THE BEDROOM.
11 12	F)		COMPLETE WITH MIXING FAUCET, EASY-TO-USE CONTROLS, SANITARY SOAP AND A METHOD FOR ARY HAND-DRYING SHALL BE PROVIDED IN EACH BEDROOM.
13 14	G)		ET ROOM, DIRECTLY ACCESSIBLE FROM EACH BEDROOM, WITHOUT GOING THROUGH A GENERAL DOR, SHALL BE PROVIDED.
15		1)	THERE MAY BE ONE TOILET FOR TWO RESIDENT ROOMS BUT NOT MORE THAN FOUR BEDS.
16 17		2)	The minimum dimensions for any room containing only one toilet room shall be 3 feet by 6 feet.
18 19 20		3)	THE DOOR TO THE TOILET ROOM SHALL BE AT LEAST 2 FEET, 10 INCHES IN WIDTH AND SHALL NOT SWING INTO THE TOILET ROOM UNLESS PROVIDED WITH RESCUE HARDWARE PERMITTING THE DOOR TO SWING OUTWARD.
21 22 23 24		4)	THE TOILET ROOM SHALL CONTAIN A TOILET, PREFERABLY WITH BEDPAN FLUSHING EQUIPMENT, AND GRAB BARS THAT ARE SECURELY INSTALLED AND STRONG ENOUGH TO SUPPORT A RESIDENT'S WEIGHT SHALL BE CONVENIENTLY LOCATED FOR THE SAFETY OF RESIDENTS.
25 26	H)		DOMS SHALL BE EQUIPPED WITH MOVABLE FURNITURE AND EQUIPMENT WITH THE FOLLOWING FOR RESIDENT:
27 28 29		1)	ADJUSTABLE, WASHABLE BED (ROLL AWAY TYPE BEDS, COTS AND FOLDING BEDS SHALL NOT BE USED), MATTRESS PROTECTED BY WATER-PROOF MATERIAL, MATTRESS PAD AND A COMFORTABLE PILLOW;
30		2)	CABINET OR BEDSIDE TABLE;
31		3)	OVER BED TABLE AS APPLICABLE;
32 33		4)	WASTE PAPER RECEPTACLE WITH IMPERVIOUS, DISPOSABLE LINER OR DISPOSABLE WASTE RECEPTACLE;
34		5)	PERSONAL CARE EQUIPMENT AS NEEDED; AND
35		6)	STORAGE FACILITIES ADEQUATE FOR RESIDENTS' PERSONAL ARTICLES AND GROOMING.

1 2 3		l)	MINIM	BEDROOM SHALL BE PROVIDED WITH A SEPARATE CLOSET OR LOCKER FOR EACH RESIDENT. THE UM SIZE OF CLOSET OR LOCKER IN A NURSING CARE FACILITY SHALL BE 1 FOOT, 8 INCHES WIDE BY DT, 10 INCHES DEEP WITH FULL LENGTH HANGING SPACE, CLOTHES ROD AND SHELF.
4 5 6 7 8		J)	CALL I BED, \	RESIDENT ROOM SHALL BE EQUIPPED WITH A COMMUNICATION SYSTEM TO ALLOW RESIDENTS TO FOR STAFF ASSISTANCE. THE SYSTEM SHALL BE CAPABLE OF ACTIVATION FROM THE RESIDENT'S WITH EMERGENCY ACTIVATION FROM THE TOILET ROOM, AND EACH TUB AND SHOWER. THE EM SHALL NOTIFY STAFF OF A REQUEST FOR ASSISTANCE VIA AUDIBLE, VISUAL OR ELECTRONIC S.
9	22.3	SERV	ICE AR	EAS
10 11				IG SERVICE AREAS SHALL BE PROVIDED ON EACH FLOOR WHERE RESIDENTS RESIDE AND LOCATED γ FOR PATIENT CARE.
12 13		A)		E SHALL BE A STAFF WORK AREA IN EACH RESIDENT CARE UNIT, ALONG WITH ACCESS TO TOILET ITIES OTHER THAN THOSE IN RESIDENT ROOMS.
14		B)	THER	E SHALL BE A MEDICATION PREPARATION AREA EQUIPPED WITH:
15			1)	CABINETS WITH SUITABLE LOCKING DEVICES TO PROTECT MEDICATIONS STORED THEREIN;
16 17			2)	REFRIGERATOR EQUIPPED WITH THERMOMETER AND USED EXCLUSIVELY FOR PHARMACEUTICAL STORAGE;
18			3)	Counter work space;
19			4)	SINK WITH HAND WASHING FACILITIES; AND
20			5)	READY ACCESS TO MEDICATION REFERENCE MANUALS.
21 22 23		C)	BE ST	MEDICATIONS, EQUIPMENT, AND SUPPLIES FOR THEIR PREPARATION AND ADMINISTRATION SHALL ORED IN THE MEDICATION PREPARATION AREA. TEST REAGENTS, GENERAL DISINFECTANTS, NING AGENTS, AND OTHER SIMILAR PRODUCTS SHALL NOT BE STORED IN THE MEDICATION AREA.
24 25		D)		E SHALL BE A STORAGE AREA IN EACH RESIDENT CARE UNIT FOR CLEAN LINEN THAT IS USED ON A INE BASIS. THE ROOM SHALL BE EQUIPPED WITH:
26 27			1)	COUNTER, SINK WITH MIXING FAUCET, EASY TO USE CONTROLS, SANITARY SOAP AND A METHOD FOR SANITARY HAND-DRYING;
28 29			2)	WASTE CONTAINER WITH COVER (FOOT CONTROLLED RECOMMENDED) AND IMPERVIOUS, DISPOSABLE LINER; AND
30			3)	AREA FOR SUPPLIES.
31		E)	THER	E SHALL BE A SOILED HOLDING ROOM EQUIPPED WITH:
32 33			1)	SUITABLE COUNTER, DOUBLE-SINK WITH MIXING FAUCET, EASY TO USE CONTROLS, SANITARY SOAP AND A METHOD FOR SANITARY HAND-DRYING;
34 35			2)	WASTE CONTAINER WITH COVER (FOOT CONTROLLED RECOMMENDED) AND IMPERVIOUS, DISPOSABLE LINER;
36			3)	SPACE FOR SHORT-TIME HOLDING OF SPECIMENS AWAITING DELIVERY TO LABORATORY;

1			4)	ADEQUATE SHELF AND COUNTER SPACE; AND
2			5)	CLINICAL FLUSHING SINK.
3		F)	THERE	E SHALL BE A UTILITY CLOSET EQUIPPED WITH:
4			1)	SINK, PREFERABLY DEPRESSED OR FLOOR MOUNTED, WITH MIXING FAUCETS;
5			2)	HOOK STRIP FOR MOP HANDLES FROM WHICH SOILED MOP HEADS HAVE BEEN REMOVED;
6			3)	SHELVING FOR CLEANING MATERIALS;
7			4)	HAND WASHING FACILITIES; AND
8			5)	WASTE RECEPTACLES WITH IMPERVIOUS LINER.
9 10		G)	HALLV EQUIP	VAYS SHALL BE FREE OF OBSTRUCTIONS SUCH AS FURNITURE, MEDICAL SUPPLIES AND MENT.
11	22.4	BATH	ING RC	OOMS
12 13				HING ROOMS SHALL BE PROVIDED IN THE RATIO OF ONE TUB OR ONE SHOWER FOR EACH 15 DIMEET THE FOLLOWING CRITERIA:
14 15		A)		BARS SHALL BE SECURELY INSTALLED AT EACH TUB OR SHOWER AND BE STRONG ENOUGH TO ORT A RESIDENT'S WEIGHT.
16		B)	Tubs	SHALL HAVE A NON-SLIP SURFACE.
17 18		C)	THE R	OOM SHALL PROVIDE PRIVACY AND BE SUFFICIENTLY LARGE TO PROVIDE SPACE FOR WHEELCHAIR MENT.
19			1)	THE ENTRY DOOR SHALL BE AT LEAST 36 INCHES IN WIDTH.
20			2)	CURBS SHALL BE OMITTED FROM SHOWERS.
21 22		D)		ATHING AREA SHALL ALSO CONTAIN A TOILET AND SINK WITH MIXING FAUCET, EASY TO USE ROLS, SANITARY SOAP AND A METHOD FOR SANITARY HAND-DRYING.
23	22.5	EMER	GENCY	Y EQUIPMENT AND SUPPLIES
24		A)	THE F	OLLOWING ITEMS SHALL BE READILY AVAILABLE AT ALL TIMES:
25			1)	OXYGEN DELIVERY DEVICES;
26			2)	SUCTION DEVICES;
27			3)	PORTABLE EMERGENCY EQUIPMENT, SUPPLIES AND MEDICATIONS; AND
28			4)	COMPATIBLE SUPPLIES AND EQUIPMENT FOR IMMEDIATE INTRAVENOUS THERAPY.
29	SECT	ON 23	SECU	JRE ENVIRONMENT
30	23.1	COMP	LIANCE	

2 3		RESIDE	NTS SHA	LL COMP	ONE OR MORE RESIDENT CARE UNITS THAT ARE SECURED TO PROHIBIT FREE EGRESS OF LY WITH THE STANDARDS IN THIS SECTION IN ADDITION TO ALL OTHER APPLICABLE CHAPTER.
4 5 6 7	23.2	THE TE	AM SHAL	L INCLUE	GNATED TEAM TO EVALUATE PLACEMENT OF A RESIDENT IN A SECURE ENVIRONMENT. DE, AT A MINIMUM, THE DIRECTOR OF NURSING OR DESIGNEE, A SOCIAL SERVICES STAFF RATOR OR DESIGNEE AND AN INDIVIDUAL (WITH MENTAL HEALTH OR SOCIAL WORK ITE TO THE NEEDS OF THE RESIDENTS) WHO IS NOT A FACILITY STAFF MEMBER.
8 9 10		A)		MEMBER	ITUATIONS, INITIAL PLACEMENT MAY PROCEED WITHOUT THE INPUT OF A NON FACILITY PROVIDED A FULL TEAM EVALUATION IS COMPLETED WITHIN SEVEN DAYS OF
11 12 13		B)	FROM I	TS CONT	T IS A PLACEMENT FACILITY AS DEFINED IN THIS CHAPTER SHALL HAVE AN INDIVIDUAL RACTING DESIGNATED FACILITY ON THE EVALUATION TEAM FOR EVALUATIONS OF RED BY THE DESIGNATED FACILITY.
14	23.3	MENT	AL HEA	LTH PL	ACEMENT FACILITIES
15 16 17		502-1,	SECTION	121.280	PLACEMENT FACILITY AS DEFINED IN THIS CHAPTER SHALL ALSO COMPLY WITH 2 CCR, CARE AND TREATMENT OF PERSONS WITH A MENTAL HEALTH DISORDER IN A IN THE CASE OF CONFLICTING REGULATIONS, THE STRICTER SHALL APPLY.
18	23.4	PRE-A	DMISS	ION SCF	REENING AND PLACEMENT
19 20		A)			ACE A RESIDENT INTO A SECURE ENVIRONMENT, THE FACILITY SHALL ENSURE THAT ALL VING REQUIREMENTS ARE MET:
21			1)	AN EV	ALUATION TEAM FINDS, BASED ON AVAILABLE EVIDENCE, THAT:
22				a)	THE RESIDENT IS A SERIOUS DANGER TO SELF OR OTHERS, OR
23 24				b)	THE RESIDENT HABITUALLY WANDERS OR WOULD WANDER OUT OF BUILDINGS AND IS UNABLE TO FIND THE WAY BACK, OR
25 26				c)	THE RESIDENT HAS A SIGNIFICANT BEHAVIORAL HEALTH ISSUE THAT SERIOUSLY DISRUPTS THE RIGHTS OF OTHER RESIDENTS; AND IN ALL CASES
27 28				d)	LESS RESTRICTIVE ALTERNATIVES HAVE BEEN UNSUCCESSFUL IN PREVENTING HARM TO SELF OR OTHERS.
29			2)	A PRAG	CTITIONER HAS AUTHENTICATED THE PLACEMENT;
30 31			3)		EN FINDINGS AND THE FACTUAL BASIS FOR THE PLACEMENT ARE DOCUMENTED IN THE H INFORMATION RECORD; AND
32			4)	THE RE	ESIDENT OR RESIDENT REPRESENTATIVE HAS GIVEN INFORMED, WRITTEN CONSENT.
33 34 35				a)	IF THE RESIDENT LACKS DECISIONAL CAPACITY AND HAS NO RESIDENT REPRESENTATIVE THE FACILITY SHALL, WITHIN 30 DAYS OF PLACEMENT, PETITION THE APPROPRIATE COURT TO HAVE A GUARDIAN APPOINTED FOR THE RESIDENT.
36 37 38		B)		OSOCIAL	A SECURE ENVIRONMENT SHALL BE BASED SOLELY ON THE PHYSICAL AND NEEDS OF THE RESIDENT AND SHALL BE THE LEAST RESTRICTIVE ALTERNATIVE

2	23.5	A FACII 23.9.	Y SHALL HAVE WRITTEN PROGRAMS TO SUPPORT THE RESIDENTS IT ADMITS, AS REQUIRED BY SECTION						
3	23.6		RESIDENTS OF A SECURE ENVIRONMENT SHALL BE ALLOWED TO HAVE VISITORS AND PARTICIPATE IN ORGANIZED ACTIVITIES.						
5	23.7	PLACE	IENT EVALUATION						
6 7 8 9 10		A)	A RESIDENT'S PLACEMENT IN OR RESTRICTION TO A SECURE ENVIRONMENT SHALL TERMINATE IN A TIMELY MANNER WHEN THE CONDITION OR BEHAVIOR JUSTIFYING THE PLACEMENT HAVE DIMINISHED TO THE EXTENT THAT THE CRITERIA IN SECTION 23.4 ARE NO LONGER MET, OR WHEN CONSENT IS TERMINATED OR WITHDRAWN, OR IF THE FACILITY AND PRACTITIONER DETERMINE THAT SUCH CONTINUED PLACEMENT COULD ADVERSELY AFFECT RESIDENT HEALTH OR SAFETY.						
11 12			THE FACILITY SHALL PROVIDE THE SAME NOTICE AND APPEAL RIGHTS REQUIRED BY SECTION 15.6(E) AND (F) BEFORE MOVING A RESIDENT OUT OF A SECURE ENVIRONMENT.						
13 14 15		B)	THE EVALUATION TEAM DESCRIBED IN SECTION 23.2 SHALL RE-EVALUATE THE PLACEMENT OF EACH RESIDENT 30 DAYS AFTER INITIAL PLACEMENT AND NO LESS OFTEN THAN EVERY 180 DAYS THEREAFTER.						
16 17 18 19			Individuals under involuntary mental health placement under Section 27-65-101, C.R.S., et seq., shall be evaluated in accordance with 2 CCR 502-1, §21.280 Care and Treatment of Persons With a Mental Health Disorder in a Designated Facility.						
20 21 22		C)	FOR RESIDENTS WITH BEHAVIORAL HEALTH ISSUES WHOSE CONDITIONS HAVE STABILIZED, THE FACILITY MAY CONTINUE PLACEMENT IN THE SECURE ENVIRONMENT IF THE EVALUATION TEAM FINDS THAT PLACEMENT IS NECESSARY TO MEET THE RESIDENT'S INDIVIDUAL NEEDS.						
23	23.8	STAFF	IG						
24 25			THE FACILITY SHALL PROVIDE A SUFFICIENT NUMBER OF QUALIFIED STAFF TO MEET FULLY THE NEEDS OF RESIDENTS IN THE SECURE ENVIRONMENT, PARTICULARLY ON THE NIGHT SHIFT.						
26 27		A)	STAFF IN THE SECURE ENVIRONMENT SHALL BE EXPERIENCED AND TRAINED IN THE PARTICULAR NEEDS AND CARE OF ITS RESIDENTS.						
28 29 30		B)	FOR RESIDENTS IN THE SECURE ENVIRONMENT, THE FACILITY SHALL ENSURE THERE IS TIME AND STAFF DEDICATED TO MEET THE SOCIAL, EMOTIONAL AND RECREATIONAL NEEDS OF THE RESIDENTS AND THE SOCIAL AND EMOTIONAL NEEDS OF THEIR FAMILIES IN COPING WITH THE RESIDENT'S ILLNESS.						
31 32		C)	FOR RESIDENTS WITH MENTAL ILLNESS, THE FACILITY SHALL PROVIDE STAFF WHO HAVE DEMONSTRATED KNOWLEDGE AND SKILL IN CARING FOR RESIDENTS WITH MENTAL ILLNESS.						
33	23.9	PROG	AMS						
34 35 36		ENVIRO	ON TO MEETING THE SPECIAL MEDICAL AND NURSING NEEDS OF EACH RESIDENT IN THE SECURE MENT, THE FACILITY SHALL PROVIDE SOCIAL SERVICES AND ACTIVITY PROGRAMS ESPECIALLY DESIGNED SE RESIDENTS TO AVOID PROGRAMMATIC ISOLATION.						
37 38 39		A)	ACTIVITIES AND SOCIAL SERVICES PROGRAMS SHALL INCLUDE THE OPPORTUNITY FOR REGULAR NTERACTION WITH RESIDENTS NOT RESIDING IN THE SECURE ENVIRONMENT AND REGULAR NTERACTION WITH THE COMMUNITY OUTSIDE THE FACILITY.						

1	23.10	SECLU	SECLUSION					
2 3 4		CONFIN	ENTS OF THE SECURE ENVIRONMENT MAY NOT BE LOCKED INTO THEIR ROOMS. IF A PLACEMENT FACILITY IES TO A ROOM ANY INDIVIDUAL WHO IS UNDER INVOLUNTARY MENTAL HEALTH PLACEMENT, THE FACILITY COMPLY WITH 2 CCR 502-1, SECTION 21.280.42, USE OF SECLUSION.					
5	23.11	PHYSI	CAL SPACE					
6 7 8		LEAST '	TION TO THE PHYSICAL PLANT REQUIREMENTS OF THESE REGULATIONS, THE FACILITY SHALL PROVIDE AT 10 SQUARE FEET PER RESIDENT (EXCLUDING HALLWAYS) OF COMMON AREAS WITHIN THE SECURE NUMENT.					
9 10		A)	THE FACILITY SHALL IDENTIFY ITS METHOD FOR SECURING THE AREA AND ESTABLISH AND IMPLEMENT PROCEDURES FOR MONITORING THE EFFECTIVENESS OF THE SECURITY SYSTEM.					
11 12 13		B)	ANY FACILITY THAT HAS AN OUTSIDE AREA OR YARD THAT RESIDENTS IN THE NON-SECURE AREAS OF THE FACILITY MAY USE SHALL ESTABLISH A SECURE OUTSIDE AREA FOR RESIDENTS OF THE SECURE ENVIRONMENT.					
14	SECTI	ON 24	HOUSEKEEPING SERVICES					
15	24.1	ORGA	NIZATION					
16 17			ACILITY SHALL ESTABLISH AN ORGANIZED HOUSEKEEPING SERVICE THAT KEEPS THE FACILITY CLEAN, LY AND FREE FROM ODOR RESULTING FROM POOR HOUSEKEEPING PRACTICES.					
18 19		A)	THE FACILITY SHALL PROVIDE A SUFFICIENT NUMBER OF HOUSEKEEPING PERSONNEL AND ADEQUATE EQUIPMENT.					
20 21		B)	DEODORIZERS SHALL NOT BE USED TO COVER UP ODORS CAUSED BY UNSANITARY CONDITIONS OR INADEQUATE HOUSEKEEPING PRACTICES.					
22	24.2	EQUIP	EQUIPMENT AND SUPPLIES					
23 24			SUITABLE EQUIPMENT AND SUPPLIES SHALL BE PROVIDED FOR CLEANING OF ALL SURFACES. SUCH EQUIPMENT SHALL BE MAINTAINED IN A SAFE, SANITARY CONDITION.					
25	24.3	DISIN	FECTANTS					
26 27			DISINFECTANTS SHALL BE ONLY THOSE REGISTERED BY THE MANUFACTURER WITH THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.					
28	24.4	STOR	AGE					
29 30		STORAGE AREAS, ATTICS, AND CELLARS SHALL BE KEPT SAFE AND FREE FROM ACCUMULATIONS OF EXTRANEOUS MATERIALS SUCH AS REFUSE, DISCARDED FURNITURE AND OLD NEWSPAPERS.						
31 32		A)	COMBUSTIBLES SUCH AS CLEANING RAGS AND COMPOUNDS SHALL BE KEPT IN CLOSED METAL CONTAINERS.					
33 34 35 36		В)	CLEANING COMPOUNDS AND OTHER HAZARDOUS SUBSTANCES (INCLUDING PRODUCTS LABELED "KEEP OUT OF REACH OF CHILDREN" ON THEIR ORIGINAL CONTAINERS) SHALL BE CLEARLY LABELED TO INDICATE CONTENTS AND (EXCEPT WHEN A STAFF MEMBER IS PRESENT) SHALL BE STORED IN A LOCATION SUFFICIENTLY SECURE TO DENY ACCESS TO CONFUSED RESIDENTS.					

2			,	HE FACILITY SHALL MAINTAIN A READILY AVAILABLE LIST AND THE MATERIAL SAFETY DATA HEET OF POTENTIALLY HAZARDOUS SUBSTANCES USED BY HOUSEKEEPING AND OTHER STAFF
3 4			,	TILITY ROOMS USED FOR STORING DISINFECTANTS AND DETERGENT CONCENTRATES, AUSTIC BOWL AND TILE CLEANERS AND INSECTICIDES SHALL BE LOCKED.
5 6		C)		WELS, TISSUES AND OTHER ABSORBENT PAPER GOODS SHALL BE STORED IN A MANNER THAT THEIR CONTAMINATION PRIOR TO USE.
7	24.5	CLEA	NING METH	HODS
8 9				E PERFORMED IN A MANNER TO MINIMIZE THE SPREAD OF PATHOGENIC ORGANISMS. FLOORS REGULARLY.
10	24.6	FLOO	R SURFAC	ES
11 12 13 14		CONTINUUM CONTIN	IUOUS, WASI PETED FLOO	ORS AND ADJACENT BASE COVING SHALL BE MAINTAINED TO PROVIDE A SMOOTH, HABLE SURFACE THAT IS FREE OF DISCOLORATION OR STAINING. POLISHES APPLIED TO RS SHALL PROVIDE A NONSLIP SURFACE. THROW OR SCATTER RUGS SHALL NOT BE USED LIP ENTRANCE MATS.
15	24.7	TRAIN	ING AND S	UPERVISION
16 17				RSONNEL SHALL RECEIVE ADEQUATE SUPERVISION. INITIAL AND ANNUAL IN-SERVICE TRAINING BE PROVIDED FOR HOUSEKEEPING PERSONNEL.
18	SECT	ION 25	LINEN A	ND LAUNDRY
19	25.1	LAUN	DRY SERV	CES
20 21 22		WASHII	NG, DRYING,	L PROVIDE LAUNDRY SERVICES, AND/OR CONTRACT WITH A COMMERCIAL LAUNDRY, WITH AND IRONING EQUIPMENT OF SUFFICIENT CAPACITY TO PROCESS A CONTINUOUS SEVEN-DAY TEN POUNDS OF DRY LAUNDRY PER BED PER DAY.
23 24		A)		EQUIPMENT SHALL MEET ALL SAFETY AND SANITARY REQUIREMENTS. THE EQUIPMENT SHALL ED AND INSTALLED TO COMPLY WITH ALL STATE AND LOCAL LAWS.
25 26		B)		EQUIPMENT, PROCESSING, AND PROCEDURES SHALL RENDER SOILED LINEN AND PATIENT CLEAN AND FREE FROM DETERGENT, SOAP, AND OTHER CHEMICAL RESIDUES.
27 28 29		C)	CONTRACT	Y SERVICES ARE NOT PROVIDED ENTIRELY WITHIN THE FACILITY, THERE SHALL BE A WRITTEN BETWEEN THE FACILITY AND A COMMERCIAL LAUNDRY SERVICE THAT ENSURES COMPLIANCE ION 25.1(B).
30 31 32		D)		EXCEPTION OF LAUNDRY AMENITIES USED SOLELY FOR RESIDENT'S PERSONAL EFFECTS, EQUIPMENT AND OPERATIONS SHALL BE LOCATED IN AN AREA SEPARATED FROM RESIDENT S.
33 34 35 36 37 38		E)	TRANSPORTO PROVID	ALL BE PROPER SPACING AND PLACING OF THE EQUIPMENT TO MINIMIZE MATERIAL STATION AND OPERATION; TO AVOID ALL CROSS TRAFFIC BETWEEN CLEAN AND SOILED LINEN; BE BALANCE OF OPERATIONS; AND TO PROVIDE STORAGE BETWEEN OPERATIONS. THE AIR MOVEMENT SHALL BE FROM THE CLEANEST AREAS TO THE MOST CONTAMINATED AREAS. UNDRY SHALL BE PROCESSED FREQUENTLY ENOUGH TO PREVENT EXCESSIVE UNSANITARY ATIONS.

1	25.2	WASHING TEMPERATURE
2 3 4		THE WATER TEMPERATURE AND DURATION OF WASHING CYCLE SHALL BE CONSISTENT WITH THE TEMPERATURE AND DURATION RECOMMENDED BY THE MANUFACTURERS OF THE LAUNDRY CHEMICALS AND EQUIPMENT BEING USED.
5	25.3	RESIDENT LINEN SUPPLY
6 7 8		LINEN SUPPLY (TOP AND BOTTOM SHEETS, PILLOWCASES, WASHCLOTHS, BATH AND FACE TOWELS) SHALL BE AT LEAST THREE COMPLETE CHANGES TIMES THE NUMBER OF LICENSED BEDS. ALL LINENS SHALL BE MAINTAINED CLEAN, IN GOOD REPAIR.
9	25.4	SOILED LINEN HANDLING
10 11 12 13		IN REMOVING AND HANDLING SOILED LINEN FROM A BED, THERE SHALL BE MINIMAL SHAKING OF THE LINEN. SOILED LINEN, INCLUDING BLANKETS, SHALL BE PLACED IN BAGS TIGHTLY CLOSED BEFORE REMOVAL FROM A BEDROOM. THE BAGS SHALL REMAIN CLOSED AND SHALL BE REMOVED FROM THE RESIDENT CARE UNIT AT LEAST EVERY 8 HOURS.
14	25.6	INFECTIOUS DISEASE LINEN
15 16 17		ALL LINENS AND BLANKETS FROM RESIDENTS WITH INFECTIOUS DISEASE SHALL BE PLACED IN BIO-HAZARDOUS BAGS AND TRANSPORTED IN THESE CLOSED BAGS. MEASURES SHALL BE TAKEN TO ENSURE THE DISINFECTION OF CONTAMINATED LAUNDRY AND PROTECTION OF PERSONS DOING LAUNDRY.
18	25.7	SORTING AND PRE-RINSING
19 20 21		PRE-RINSING, SORTING AND ALL OTHER LINEN AND LAUNDRY OPERATIONS SHALL BE CONFINED TO THE LAUNDRY FACILITY AND SHALL NOT BE PERMITTED IN THE RESIDENT'S ROOM, BATHTUB, SHOWER, LAVATORY OR UTILITY CLOSETS.
22	25.8	LAUNDRY CHUTES
23 24 25		IF LAUNDRY CHUTES ARE USED, ALL SOILED LINEN, CLOTHING AND OTHER ITEMS DEPOSITED IN THEM SHALL FIRST BE ENCLOSED IN BAGS BEFORE PLACING THEN IN CHUTE. LAUNDRY CHUTES SHALL BE REGULARLY CLEANED.
26	25.9	SOILED LAUNDRY CARTS
27 28 29		CARTS AND HAMPERS USED TO TRANSPORT SOILED LAUNDRY SHALL BE COVERED AND CONSTRUCTED OF OR LINED WITH IMPERVIOUS MATERIALS, CLEANED AND DISINFECTED AFTER USE, AND USED ONLY FOR TRANSPORTING SOILED LAUNDRY.
30	25.10	SOILED LINEN STORAGE
31 32		THE FACILITY SHALL PROVIDE A SEPARATE SOILED LINEN STORAGE AND SORTING AREA, MECHANICALLY VENTILATED TO THE OUTSIDE ATMOSPHERE. NO RE-CIRCULATION OF AIR FROM THIS AREA IS PERMITTED.
33	25.11	RESIDENT CLOTHING
34 35		RESIDENT CLOTHING AND LAUNDRY SHALL BE PROCESSED AND STORED IN A MANNER SO THAT PERSONAL ITEMS ARE READILY IDENTIFIABLE.
36	25.12	CLEAN LINEN STORAGE

1 A CLEAN LINEN FOLDING/STORAGE ROOM SHALL BE PROVIDED AS PART OF THE LAUNDRY AREA, LOCATED 2 ADJACENT TO THE DRYING EQUIPMENT. POSITIVE PRESSURE SHALL BE MAINTAINED IN THIS AREA. 3 25.13 CLEAN LINEN HANDLING 4 CLEAN LINEN SHALL BE TRANSPORTED IN A MANNER THAT PRESERVES ITS CLEAN CONDITION SO THAT IT IS 5 CLEAN AT THE SITE OF ITS USE. 6 SECTION 26 INFECTION CONTROL 7 26.1 INFECTION CONTROL PROGRAM 8 THE FACILITY SHALL HAVE AN INFECTION CONTROL PROGRAM THAT PROVIDES ANNUAL IN-SERVICE TRAINING ON 9 INFECTION CONTROL AND SHALL HAVE CURRENT INFECTION CONTROL POLICIES AND PROCEDURES AVAILABLE TO 10 ALL STAFF MEMBERS. 11 26.2 **POLICIES** 12 THE FACILITY SHALL HAVE AND FOLLOW WRITTEN POLICIES, APPROVED BY THE GOVERNING BODY ADDRESSING 13 THE TRANSMISSION OF COMMUNICABLE DISEASES WITH A SIGNIFICANT RISK OF TRANSMISSION TO OTHER 14 PERSONS AND FOR REPORTING DISEASES TO THE STATE AND/OR LOCAL HEALTH DEPARTMENT, PURSUANT TO 6 15 CCR 1009-1. Rules and Regulations Pertaining to Epidemic and Communicable Disease Control. 16 26.3 THE FACILITY'S WRITTEN POLICIES AND PROCEDURES REGARDING INFECTION CONTROL SHALL BE CONSISTENT 17 WITH THE CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC): GUIDELINE FOR ISOLATION 18 PRECAUTIONS: PREVENTING TRANSMISSION OF INFECTIOUS AGENTS IN HEALTHCARE SETTINGS, 2007 AND 19 GUIDELINES FOR ENVIRONMENTAL INFECTION CONTROL IN HEALTH-CARE FACILITIES, 2003, WHICH ARE 20 INCORPORATED BY REFERENCE CONSISTENT WITH SECTION 1.3 OF THIS CHAPTER. 21 A) THOSE POLICIES AND PROCEDURES SHALL INCLUDE AT A MINIMUM, ALL OF THE FOLLOWING CRITERIA: 22 1) STAFF SHALL EXERCISE CAUTION WHEN HANDLING SHARP OBJECTS SUCH AS NEEDLES AROUND 23 RESIDENTS. NEEDLES SHALL NOT BE RECAPPED, BROKEN OFF OR DISPOSED OF IN OTHER THAN 24 PUNCTURE-PROOF CONTAINERS. 25 2) LINEN AND CLOTHING OF RESIDENTS WITH COMMUNICABLE INFECTIONS SHALL BE WASHED IN A 26 MANNER THAT ENSURES DISINFECTION. 27 3) STAFF SHALL WEAR DISPOSABLE GLOVES WHEN HANDLING ITEMS SOILED WITH BLOOD OR 28 BODY FLUIDS. 4) RESUSCITATION EQUIPMENT SHALL BE IMMEDIATELY AVAILABLE IN THE EVENT ITS USE 30 BECOMES NECESSARY. 31 5) WEARING DISPOSABLE GLOVES, STAFF SHALL IMMEDIATELY CLEAN UP SPILLS OF BLOOD OR BODILY FLUID FROM RESIDENTS WITH COMMUNICABLE INFECTIONS. STAFF SHALL THEN 33 DISINFECT THE CONTAMINATED AREA USING AN APPROPRIATE CONCENTRATION OF A DISINFECTANT CERTIFIED BY THE MANUFACTURER TO BE EFFECTIVE AS USED. 35 6) ALL DISPOSABLE EQUIPMENT CONTAINING INFECTIVE WASTE SHALL BE DISPOSED OF IN THE 36 ROOM WHERE IT IS USED IN STURDY PLASTIC BAGS AND THEN RE-BAGGED OUTSIDE THE ROOM. 37 IT SHALL EITHER BE AUTOCLAVED OR INCINERATED PRIOR TO DISPOSAL IN A SANITARY LANDFILL.

Page 113 of 123

1 2 3		7) FACILITY ACCESS OF NON-RESIDENT INDIVIDUALS WITH CONTAGIOUS CONDITIONS SHALL BE RESTRICTED UNTIL THOSE INDIVIDUALS ARE NO LONGER CONTAGIOUS, THE INFECTIOUS PERIOD HAS EXPIRED OR PERSONAL PROTECTIVE EQUIPMENT IS PROVIDED.
4	26.4	RESIDENT ISOLATION
5 6 7 8		FACILITIES SHALL PROVIDE FOR THE ISOLATION OF RESIDENTS WITH COMMUNICABLE DISEASES WHERE APPROPRIATE.—INDIVIDUAL RESIDENT FACTORS ARE IMPORTANT DETERMINANTS OF INFECTION TRANSMISSION RISKS AND THE NEED FOR A SINGLE ROOM AND/OR PRIVATE BATHROOM FOR ANY RESIDENT IS BEST DETERMINED ON A CASE-BY-CASE BASIS.
9	26.5	SANITATION OF NURSING AND RESIDENT CARE EQUIPMENT
10 11		NURSING AND RESIDENT CARE EQUIPMENT SHALL BE PROPERLY CLEANED, SANITIZED, DISINFECTED OR STERILIZED, AND STORED.
12 13 14 15	26.6	DISPOSABLE EQUIPMENT AND SUPPLIES. SINGLE SERVICE DISPOSABLE CARE EQUIPMENT SHALL BE USED ONLY ONCE AND SHALL BE DISPOSED OF IN AN APPROVED MANNER. REUSABLE DISPOSABLE CARE EQUIPMENT SHALL BE USED ONLY FOR THE RESIDENT TO WHOM ASSIGNED. DISPOSABLE STERILE EQUIPMENT SHALL BE CERTIFIED BY THE DISTRIBUTOR AS STERILE AND BE DESTROYED AFTER INITIAL USE.
16	26.7	HANDWASHING
17 18 19 20		PERSONNEL SHALL WASH THEIR HANDS BEFORE AND AFTER CONTACT WITH A RESIDENT, AFTER CONTACT WITH A CONTAMINATED OBJECT OR WASTE AND ADHERE TO THE CDC GUIDELINES FOR HAND HYGIENE IN HEALTH-CARE SETTINGS, 2002, WHICH IS INCORPORATED BY REFERENCE CONSISTENT WITH SECTION 1.3 OF THIS CHAPTER.
21	26.8	SANITATION OF AIR
22 23		DESIGN, INSTALLATION, AND OPERATION OF HEATING/COOLING/VENTILATION SYSTEM SHALL ENSURE ADEQUATE MICROBIAL CONTROL OF THE AIR.
24	26.9	PETS
25 26		THE FACILITY SHALL ENSURE THAT PET ANIMALS EITHER RESIDING AT OR VISITING THE FACILITY HAVE BEEN APPROPRIATELY VACCINATED AND LICENSED.
27	SECTIO	ON 27 PEST CONTROL
28 29	27.1	THE FACILITY SHALL HAVE WRITTEN POLICIES AND PROCEDURES THAT PROVIDE FOR EFFECTIVE CONTROL AND ERADICATION OF INSECTS, RODENTS AND OTHER PESTS.
30 31 32 33	27.2	THE FACILITY SHALL HAVE A PEST CONTROL PROGRAM PROVIDED BY MAINTENANCE PERSONNEL OR BY CONTRACT WITH A PEST CONTROL COMPANY USING THE LEAST TOXIC AND LEAST FLAMMABLE EFFECTIVE PESTICIDES. THE PESTICIDES SHALL NOT BE STORED IN PATIENT OR FOOD AREAS AND SHALL BE KEPT UNDER LOCK AND ONLY PROPERLY TRAINED RESPONSIBLE PERSONNEL SHALL BE ALLOWED TO APPLY THEM.
34 35 36	27.3	SCREENS OR OTHER PEST CONTROL MEASURES SHALL BE PROVIDED ON ALL EXTERIOR OPENINGS EXCEPT WHERE PROHIBITED BY FIRE REGULATIONS. FACILITY DOORS, DOOR SCREENS AND WINDOW SCREENS SHALL FIT WITH SUFFICIENT TIGHTNESS AT THEIR PERIMETERS TO EXCLUDE PESTS.
37	SECTIO	ON 28 WASTE DISPOSAL

38 28.1 SEWAGE AND SEWER SYSTEMS

2 3		IN A MA	WAGE SHALL BE DISCHARGED INTO A PUBLIC SEWER SYSTEM, OR IF SUCH IS NOT AVAILABLE, DISPOSED OF INNER APPROVED BY THE STATE AND LOCAL HEALTH AUTHORITIES AND THE COLORADO WATER QUALITY ROL COMMISSION.		
4 5		A)	WHEN PRIVATE SEWAGE DISPOSAL SYSTEMS ARE IN USE, RECORDS OF MAINTENANCE AND THE SYSTEM DESIGN PLANS SHALL BE KEPT ON THE PREMISES.		
6 7 8		B)	NO UNPROTECTED EXPOSED SEWER LINE SHALL BE LOCATED DIRECTLY ABOVE WORKING, STORAGE OR EATING SURFACES IN KITCHENS, DINING ROOMS, PANTRIES, FOOD STORAGE ROOMS, OR WHERE MEDICAL OR NURSING SUPPLIES ARE PREPARED, PROCESSED OR STORED.		
9	28.2	MEDIC	CAL WASTE		
10 11			AL WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S REGULATIONS PERTAINING LID WASTE DISPOSAL SITES AND FACILITIES AT 6 CCR 1007-2, PART 1, SECTION 13, MEDICAL WASTE.		
12	28.3	REFU	SE		
13 14 15		CONTA	RBAGE AND RUBBISH THAT IS NOT DISPOSED OF AS SEWAGE SHALL BE COLLECTED IN IMPERVIOUS INCERS IN SUCH MANNER AS NOT TO BECOME A NUISANCE OR A HEALTH HAZARD AND SHALL BE REMOVED OUTSIDE APPROVED STORAGE AREA AT LEAST ONCE A DAY.		
16		A)	THE REFUSE STORAGE AREA SHALL BE KEPT CLEAN, AND FREE FROM NUISANCE.		
17 18		B)	A SUFFICIENT NUMBER OF IMPERVIOUS CONTAINERS WITH TIGHT FITTING LIDS SHALL BE PROVIDED AND KEPT CLEAN AND IN GOOD REPAIR.		
19 20		C)	CARTS USED TO TRANSPORT REFUSE SHALL BE CONSTRUCTED OF IMPERVIOUS MATERIALS, ENCLOSED, USED SOLELY FOR REFUSE AND MAINTAINED IN A SANITARY MANNER.		
21	28.4	INCIN	ERATORS		
22 23			ACILITY USING AN INCINERATOR SHALL OBTAIN A PERMIT TO OPERATE AN INCINERATOR FROM THE STATE OLLUTION CONTROL DIVISION AND MAINTAIN THE PERMIT ON FILE.		
24		A)	THE FACILITY SHALL COMPLY WITH FEDERAL, STATE AND LOCAL AIR POLLUTION REGULATIONS.		
25 26		B)	THE INCINERATOR SHALL BE CONSTRUCTED IN A MANNER THAT PREVENTS INSECT AND RODENT BREEDING AND HARBORAGE.		
27	SECTI	ON 29	RELIGIOUS TREATMENT EXCLUSIONS		
28	29.1	EXCE	PTION OF CERTAIN FACILITIES		
29 30 31 32 33		THIS CHAPTER OF REGULATION DOES NOT APPLY TO ANY NURSING FACILITY CONDUCTED BY OR FOR THE ADHERENTS OF ANY WELL-RECOGNIZED CHURCH OR RELIGIOUS DENOMINATION FOR THE PURPOSE OF PROVIDING FACILITIES FOR THE CARE AND TREATMENT OF THE SICK WHO DEPEND EXCLUSIVELY UPON SPIRITUMEANS THROUGH PRAYER FOR HEALING IN THE PRACTICE OF THE RELIGION OF SUCH CHURCH OR DENOMINATION.			
34	29.2	EXCE	PTION FOR RELIGIOUS BELIEFS		
35 36			NG IN THIS CHAPTER AUTHORIZES THE DEPARTMENT TO IMPOSE ON A RESIDENT ANY MODE OF TREATMENT SISTENT WITH THE RESIDENT'S RELIGIOUS BELIEF.		

SECTION 30 MEDICAID CERTIFICATION STANDARDS

30.1 FOR THE PURPOSE OF FULFILLING ITS FACILITY CERTIFICATION RESPONSIBILITIES AS THE STATE SURVEY
AGENCY PURSUANT TO SECTION 25-1.5-103(1)(A)(I)(C), C.R.S.; TITLE XIX (MEDICAID) OF THE SOCIAL
SECURITY ACT (42 U.S.C. SECTION 1396(A), ET SEQ.); AND THE COLORADO MEDICAL ASSISTANCE ACT,
SECTION 25.5-4-101, ET SEQ., C.R.S.; THE DEPARTMENT SHALL APPLY AND ENFORCE THE SKILLED NURSING
FACILITY CERTIFICATION STANDARDS OF THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES LOCATED IN
TITLE 42 OF THE U.S. CODE OF FEDERAL REGULATIONS.

SECTION 31 ENFORCEMENT ACTIVITIES

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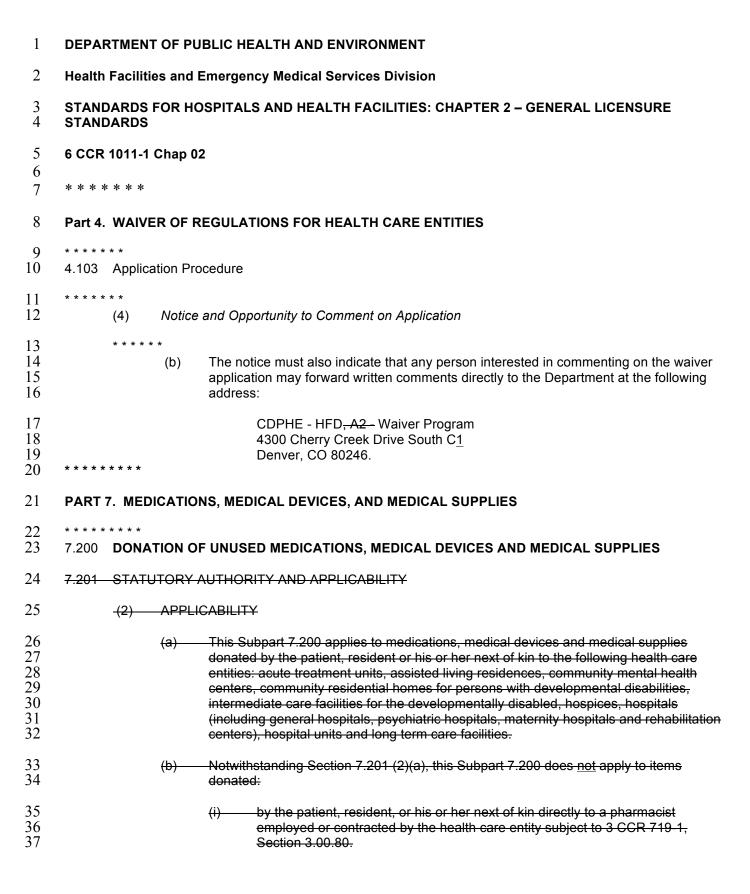
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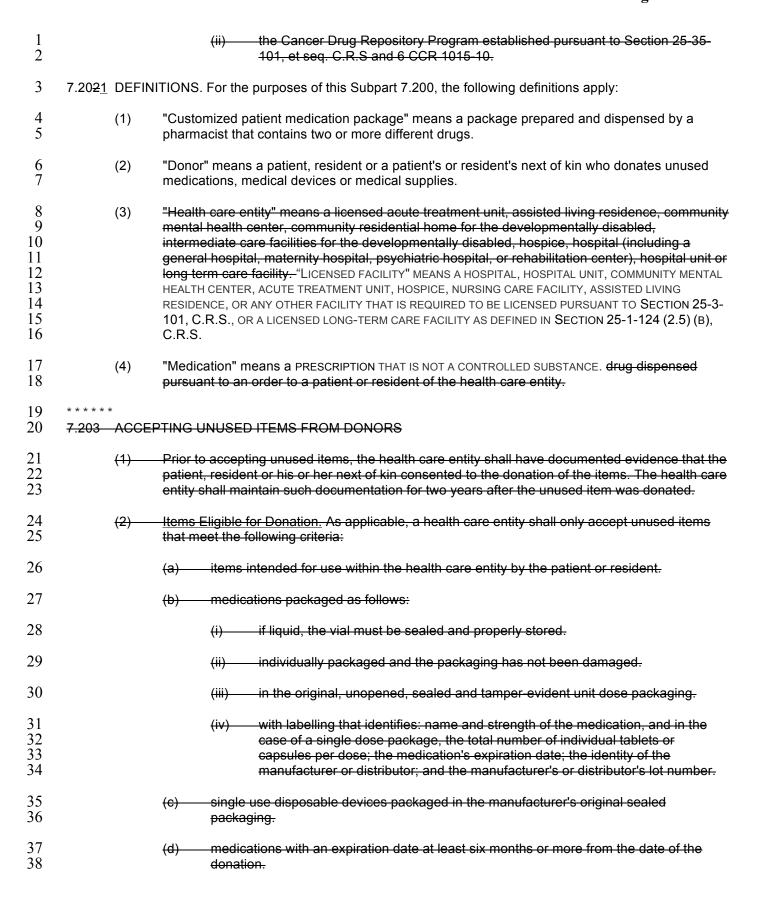
- 9 FOR NURSING CARE FACILITIES CERTIFIED TO PROVIDE MEDICAID SERVICES: 10 31.1 THE DEPARTMENT, AS THE STATE AGENCY RESPONSIBLE FOR CERTIFYING NURSING CARE FACILITIES, IS 11 AUTHORIZED UNDER SECTIONS 25-1-107.5 AND 25.5-6-205, C.R.S. TO RECOMMEND TO THE DEPARTMENT OF 12 HEALTH CARE POLICY AND FINANCING (HCPF) THAT REMEDIES BE IMPOSED AGAINST A NURSING CARE FACILITY 13 THAT VIOLATES THE FEDERAL REGULATIONS FOR PARTICIPATION IN THE MEDICAID PROGRAM AS ENUMERATED IN 14 42 USC §1396r(H). THE REMEDIES RECOMMENDED SHALL INCLUDE ANY REMEDIES REQUIRED UNDER FEDERAL 15 LAW AND THE IMPOSITION OF CIVIL MONEY PENALTIES. ASSESSMENT, ENFORCEMENT AND COLLECTION OF ANY 16 CIVIL MONEY PENALTY RECOMMENDED UNDER THIS SECTION AND THE DENIAL OF MEDICAID PAYMENTS SHALL BE 17 HCPF'S RESPONSIBILITY. 18 31.2 IN DETERMINING WHETHER TO RECOMMEND IMPOSITION OF A CIVIL MONEY PENALTY, THE DEPARTMENT MAY 19 CONSIDER MITIGATING FACTORS SUCH AS CHANGE OF OWNERSHIP; CIRCUMSTANCES OUTSIDE THE FACILITY'S 20 REASONABLE CONTROL; AND REASONABLE, GOOD FAITH EFFORTS TO RESOLVE THE VIOLATION(S). 21 31.3 IN DETERMINING THE AMOUNT OF THE PENALTY TO RECOMMEND FOR ASSESSMENT BY HCPF, THE DEPARTMENT 22 SHALL CONSIDER, AT A MINIMUM, THE FOLLOWING ITEMS: 23 A) THE PERIOD OF TIME OVER WHICH THE VIOLATION OCCURRED; 24 B) THE FREQUENCY OF THE VIOLATION; 25 C) THE NURSING CARE FACILITY'S HISTORY CONCERNING THE TYPE OF VIOLATION FOR WHICH THE 26 PENALTY IS ASSESSED; 27 D) THE NURSING CARE FACILITY'S INTENT OR REASON FOR THE VIOLATION: 28 E) THE EFFECT, IF ANY, OF THE VIOLATION ON RESIDENTS' HEALTH, SAFETY, SECURITY OR WELFARE (I.E., 29 SEVERITY); 30 F) THE EXISTENCE OF OTHER VIOLATIONS, IN COMBINATION WITH THE VIOLATION FOR WHICH THE PENALTY 31 IS ASSESSED, WHICH INCREASE THE THREAT TO RESIDENTS' HEALTH, SAFETY, SECURITY OR WELFARE; 32 G) THE ACCURACY, THOROUGHNESS AND AVAILABILITY OF RECORDS REGARDING THE VIOLATION WHICH 33 THE NURSING CARE FACILITY IS REQUIRED TO MAINTAIN; AND 34 H) THE NUMBER OF ADDITIONAL RELATED VIOLATIONS OCCURRING WITHIN THE SAME TIME SPAN AS THE
- 31.4 IN THE EVENT THE DEPARTMENT DETERMINES THAT A VIOLATION IS LIFE THREATENING TO ONE OR MORE
 RESIDENTS OR CREATES A DIRECT THREAT OR SERIOUS ADVERSE HARM TO THE HEALTH, SAFETY, SECURITY,
 RIGHTS OR WELFARE OF ONE OR MORE RESIDENTS, HCPF SHALL IMPOSE A PENALTY FOR EACH DAY THE
 DEFICIENCIES THAT CONSTITUTE THE VIOLATION ARE FOUND TO EXIST.

VIOLATION IN QUESTION.

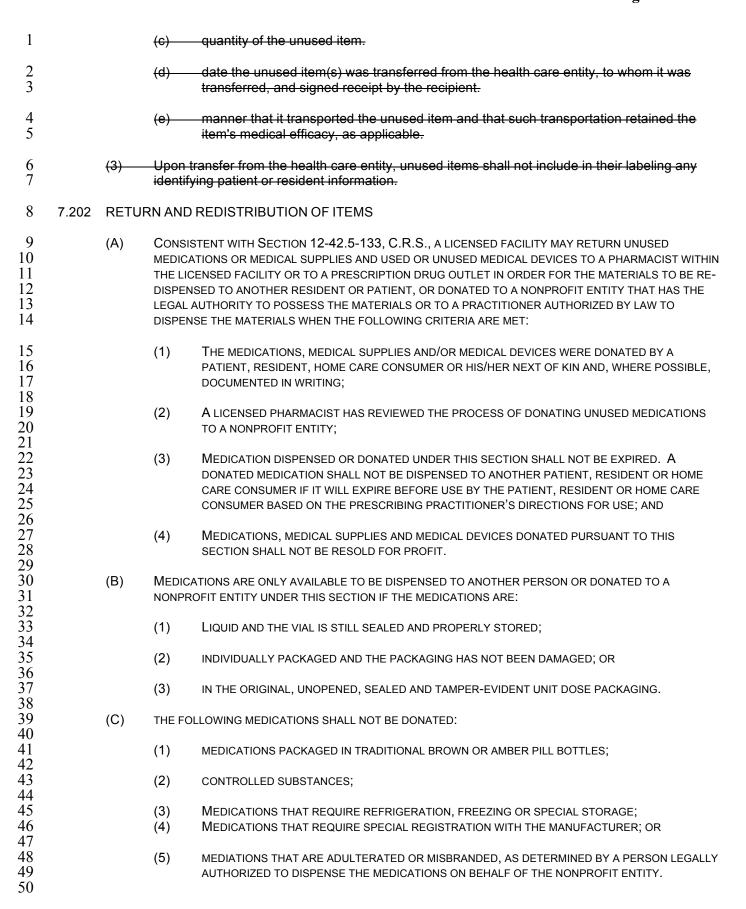
Page 116 of 123

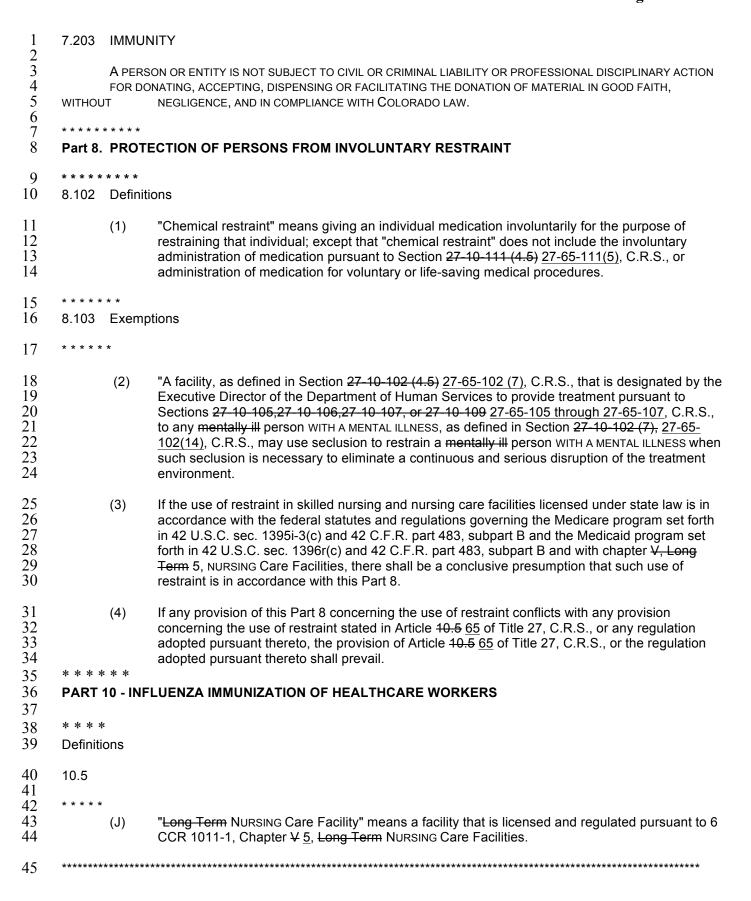
31.5	In accordance with Section 25-1-107.5(3), C.R.S., any civil money penalty recommended by the Department shall be not less than \$100 or more than \$10,000 for each day the facility is found to have been in violation of the federal regulations. Penalties assessed shall include interest at the statutory rate.	
31.6	IF THE DEPARTMENT RECOMMENDS IMPOSITION OF A CIVIL MONEY PENALTY, IT SHALL NOTIFY THE NURSING CARE FACILITY NO LATER THAN FIVE DAYS AFTER THE LAST DAY OF THE INSPECTION OR SURVEY DURING WHICH THE DEFICIENCIES THAT CONSTITUTE THE VIOLATION WERE FOUND. SUCH NOTICE SHALL COMPLY WITH SECTION 25-1-107.5(3)(C)(II),C.R.S.	
31.7	WRITTEN PLANS OF CORRECTION SHALL COMPLY WITH 6 CCR 1011-1, CHAPTER 2, PART 2.11.4(B).	
31.8	NOTHING IN THIS SECTION PRECLUDES THE DEPARTMENT FROM IMPOSING ANY OTHER REMEDIES ALLOWED BY STATE LAW INCLUDING, BUT NOT LIMITED TO, THOSE DESCRIBED IN 6 CCR 1011-1, CHAPTER 2, PART 2.11 AND 2.12.	
FOR LICENSED, NON-CERTIFIED NURSING CARE FACILITIES:		
31.9	THE DEPARTMENT MAY IMPOSE ANY ENFORCEMENT REMEDY AUTHORIZED BY STATE LAW OR REGULATION.	
31.10	ENFORCEMENT ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH 6 CCR 1011-1, CHAPTER 2.	
SECTION 32 LICENSING FEES		
32.1	ALL LICENSE FEES ARE NON-REFUNDABLE. THE TOTAL FEE SHALL BE SUBMITTED WITH THE APPROPRIATE LICENSE APPLICATION.	
32.2	Initial license - \$6,000 per facility.	
32.3	RENEWAL LICENSE - THE ANNUAL RENEWAL FEE SHALL BE AS FOLLOWS.	
	MEDICARE AND/OR MEDICAID CERTIFIED FACILITY: \$1,600 BASE FEE PLUS \$8 PER BED.	
	Non-certified facility: \$3,480 base fee plus \$8 per bed.	
32.4	Change of ownership - Change of ownership shall be determined in accordance with the criteria set forth in 6 CCR 1011-1, Chapter 2, Part 2. The fee shall be \$6,000 per facility.	
32.5	OPENING A SECURE UNIT - A FACILITY THAT WISHES TO OPEN A SECURE UNIT SHALL SUBMIT A FEE OF \$1,600 IN ADDITION TO ANY OTHER APPLICABLE LICENSE FEES.	
	31.6 31.7 31.8 FOR LIG 31.9 31.10 SECTIO 32.1 32.2 32.3	





1	(3)	Items Not Eligible for Donation. A health care entity shall not accept medications that:
2		(a) were dispensed in a traditional brown or amber pill bottles.
3		(b) are controlled substances.
4		(c) require refrigeration, freezing, or special storage.
5		(d) require special registration with the manufacturer.
6		(e) are adulterated or misbranded, as determined by the health care entity.
7		(f) are dispensed in a customized patient medication package.
8		(g) are compounded drugs.
9		(h) are packaged by a pharmacist as split tablets or capsules.
10 11	(4)	Policies and Procedures. Health care entities that accept unused items shall develop and implement policies and procedures regarding:
12		(a) Storage. Unused items shall be stored:
13 14 15		(i) in a manner that retains the items' medical efficacy as provided for by storage protocols approved by a licensed pharmacist. Such protocols shall be reviewed and approved by a licensed pharmacist at least every three years.
16		(ii) separately from non-donated unused items.
17		(b) Inventory control. The health care entity shall:
18 19 20		(i) develop processes for the prevention and detection of diversion of donated unused items that may be illegally sold. When diversion is detected, prompt appropriate corrective measures shall be implemented.
21 22		(ii) adequately dispose of unused donated items not transferred to a pharmacist or a relief agency.
23 24		(c) Transporting unused items. If the health care entity is responsible for transporting unused items, it shall do so in a manner that retains the item's medical efficacy.
25	7.204 TRAN	SFERRING UNUSED ITEMS FROM THE HEALTH CARE ENTITY
26 27 28	1)	A health care entity may transfer unused items to pharmacists or nonprofit relief entities as authorized by Section 12-22-133 (2), C.R.S.
29 30	(2)	The health care entity shall maintain a record, to be retained for two years after the unused item was transferred from the health care entity, of the:
31 32		(a) name of the donor and the date the unused item was donated to the health care entity, as applicable.
33		(b) name or a brief description of the unused item.







Notice of Public Rule-Making Hearing Scheduled for March 16, 2016

NOTICE is hereby given pursuant to the provisions of Section 24-4-103, C.R.S., that the Colorado Board of Health will conduct a public rule-making hearing on March 16, 2016 at 10 a.m. in the Sabin-Cleere Conference Room of the Colorado Department of Public Health and Environment, Bldg. A, First Floor, 4300 Cherry Creek Drive, South, Denver, CO 80246, to consider the promulgation of amendments to 6 CCR 1011-1, Chapter 5 Long Term Care Facilities and Chapter 2, General Licensure Standards. The proposed amendments have been developed by the Health Facilities and Emergency Medical Services Division of the Colorado Department of Public Health and Environment pursuant to Section 25-1.5-103, C.R.S. (2015); Section 25-1-107.5, C.R.S. (2015); Section 25-1-120, C.R.S. (2015); Section 25-3-101, et seq., C.R.S. (2015); and Section 18-6.5-108(1)(b)(V), C.R.S. (2015). Chapter 5 is being renamed to correspond with state statute and the entire chapter has been rewritten to reflect current practice standards, eliminate duplicative and obsolete sections and better align with federal requirements.

The agenda for the meeting and the proposed amendments will also be available on the Board's website, https://www.colorado.gov/pacific/cdphe/boh at least seven (7) days prior to the meeting. The proposed rules, together with the proposed statement of basis and purpose, specific statutory authority and regulatory analysis will be available for inspection at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 at least five working days prior to the hearing. Copies of the proposed rules may be obtained by contacting the Colorado Department of Public Health and Environment, Health Facilities and Emergency Medical Services Division, HFEMSD-C1, 4300 Cherry Creek Drive S., Denver, CO 80246, (303) 692-2800.

The Board encourages all interested persons to participate in the hearing by providing written data, views, or comments, or by making oral comments at the hearing. At the discretion of the Chair, oral testimony at the hearing may be limited to three minutes or less depending on the number of persons wishing to comment. Pursuant to 6 CCR 1014-8, §3.02.1, written testimony must be submitted no later than five (5) calendar days prior to the rulemaking hearing. Written testimony is due by 5:00 p.m., Thursday, March 10, 2016. Persons wishing to submit written comments should submit them to: Colorado Board of Health, ATTN: Jamie L. Thornton, Program Assistant, Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 or by e-mail at: cdphe.bohrequests@state.co.us

Dated this 21 day of Canany, 2016.

Deborah Nelson

Board of Health Administrator

Notice of Proposed Rulemaking

Tracking number

2016-00069

Department

1000 - Department of Public Health and Environment

Agency

1011 - Health Facilities and Emergency Medical Services Division (1011, 1015 Series)

CCR number

6 CCR 1011-1 Chap 26

Rule title

CHAPTER 26 - HOME CARE AGENCIES

Rulemaking Hearing

Date Time

03/16/2016 10:00 AM

Location

Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246

Subjects and issues involved

To consider the promulgation of amendments to 6 CCR 1011-1, Chapter 26 regarding home care agencies. The Departments of Public Health and Environment and Health Care Policy and Financing (HCPF)were directed to identify gaps and conflicts in the requirements imposed by each department with regard to the regulation of home care providers and adopt any rule changes necessary to resolve those gaps and conflicts.

Statutory authority

Section 25-27.5-106, C.R.S. (2015); Section 25-1.5-103, C.R.S. (2015); Section 25-3-101, et seq., C.R.S. (2015) and House Bill 14-1360

Contact information

Name Title

Laurie Schoder Policy Analyst

Telephone Email

303-692-2832 laurie.schoder@state.co.us



Dedicated to protecting and improving the health and environment of the people of Colorado

To: Members of the State Board of Health

From: Laurie Schoder, Policy Analyst, Health Facilities and Emergency Medical Services

Division

Through: D. Randy Kuykendall, MLS; Director DRK

Date: January 20, 2016

Subject: Proposed Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities,

Chapter 26, Home Care Agencies, with a Request for the Rulemaking Hearing to

occur on March 16, 2016.

The Health Facilities and Emergency Medical Services Division is proposing amendments to Chapter 26, Home Care Agencies, in order to comply with House Bill 14-1360. Section 25-27.5-106(2)(a.5)(II), as amended by H.B. 14-1360, directed the Departments of Public Health and Environment and Health Care Policy and Financing to form a workgroup and develop a plan to identity gaps and conflicts in the requirements imposed by each department with regard to the regulation of home care providers.

The Department assembled a 1360 workgroup comprised of individuals from both skilled and personal care agencies; front range, western slope and rural agencies; consumers and/or family members of consumers; representatives of agencies providing home and community based waiver services such as In Home Support Services, Intellectually and Developmentally Disabled services, Supported Living Services and Children's Extensive Support Services; Representatives from Community Centered Boards and Program Approved Service Agencies; as well as community advocates and a representative from the Department of Health Care Policy and Financing (HCPF).

The 1360 workgroup compared Department and HCPF requirements in the following areas of home care agency services: Client rights, personal care definitions, specific care situations, supervision requirements, training requirements and various policies and procedures. The majority of the gaps and conflicts identified by the workgroup will be resolved through Departmental guidance or HCPF rule changes. The proposed amendments presented here will address the remaining issues that needed clarification.

STATEMENT OF BASIS AND PURPOSE AND SPECIFIC STATUTORY AUTHORITY

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 26, Home Care Agencies January 20, 2016

Basis and Purpose:

Section 25-27.5-106, C.R.S. (2015) Section 25-1.5-103, C.R.S. (2015)

Section 25-27.5-106(2)(a.5)(II), as amended by House Bill 14-1360, directed the Departments of Public Health and Environment and Health Care Policy and Financing (HCPF) to form a workgroup and develop a plan to identity gaps and conflicts in the requirements imposed by each department with regard to the regulation of home care providers. Subsection (C) then directed the Board of Health to adopt any rules necessary to resolve the gaps and conflicts that were identified.

The Department assembled a 1360 workgroup that compared Department and HCPF requirements in the following areas of home care agency services: Client rights, personal care definitions, specific care situations, supervision requirements, training requirements and various policies and procedures. The majority of the gaps and conflicts identified by the workgroup will be resolved through Departmental guidance or HCPF rule changes. The remaining issues that were deemed to need clarification are being addressed here through the proposed amendments.

These rules are promulgated pursuant to the following statutes:

Section 25-3-101, et seq., C.R.S. (2015)
SUPPLEMENTAL QUESTIONS
Is this rulemaking due to a change in state statute? X Yes House Bill 14-1360.
No
Is this rulemaking due to a federal statutory or regulatory change? Yes X No
Does this rule incorporate materials by reference?
Yes X No
Does this rule create or modify fines or fees?
Yes No

REGULATORY ANALYSIS

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 26, Home Care Agencies January 20, 2016

1. A description of the classes of persons who will be affected by the rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the rule.

The classes of persons affected by the amendments will be home care agencies and the consumers of home care services. The amendments consist of relatively minor clarifications in language and are not anticipated to generate costs for any class of persons.

2. To the extent practicable, a description of the probable quantitative and qualitative impact of the proposed rule, economic or otherwise, upon affected class of persons.

The proposed amendments are expected to have a positive qualitative and quantitative impact on all licensed home care agencies by resolving gaps and conflicts in the corresponding regulations of two state agencies - the Department of Health Care Policy and Financing and the Department of Public Health and Environment. These changes will reduce regulatory confusion and clarify regulatory expectations for all home care agencies.

3. The probable costs to the agency and to any other agency of the implementation and enforcement of the proposed rule and any anticipated effect on state revenues.

No significant costs are expected to be incurred by the Department or any other agency.

4. A comparison of the probable costs and benefits of the proposed rule to the probable costs and benefits of inaction.

Inaction is not an alternative. Action is required to comply with House Bill 14-1360. Inaction would result in non-compliance with a statutory mandate.

5. A determination of whether there are less costly methods or less intrusive methods for achieving the purpose of the proposed rule.

Many changes are being accomplished through policy and guidance. Additional changes will be made by the Department of Health Care and Financing though a future rule-making before the Medical Service Board. In the interim, the determination is that there is no less costly or less intrusive method for achieving the purpose of these amendments.

6. A description of any alternative methods for achieving the purpose of the proposed rule that were seriously considered by the agency and the reasons why they were rejected in favor of the proposed rule.

As mentioned above, the Department is also issuing written guidance and policy documents, but those items alone do not achieve the desired result of clarifying certain regulatory requirements. Therefore, no other alternatives are deemed appropriate at this time.

7. To the extent practicable, a quantification of the data used in the analysis; the analysis must take into account both short-term and long-term consequences.

The anticipated short-term consequence will be that all home care agencies must acquaint themselves with these few clarifying amendments and make any necessary changes to their existing policies and procedures. The long-term consequences are updated regulations that do not conflict with those of other agencies and that allow the efficient and effective provision of home care.

STAKEHOLDER Comment

For Amendments to 6 CCR 1011-1, Standards for Hospitals and Health Facilities, Chapter 26, Home Care Agencies

The following individuals and/or entities were included in the development of these proposed rules:

A 1360 Workgroup was assembled to address the issues. That workgroup was comprised of individuals from both skilled and personal care agencies; front range, western slope and rural agencies; consumers and/or family members of consumers; representatives of agencies providing home and community based waiver services such as In Home Support Services, Intellectually and Developmentally Disabled services, Supported Living Services and Children's Extensive Support Services; Representatives from Community Centered Boards and Program Approved Service Agencies; as well as community advocates and a representative from the Department of Health Care Policy and Financing.

The following individuals and/or entities were notified that this rule-making was proposed for consideration by the Board of Health:

All currently licensed home care agencies, the 1360 Workgroup members, the home care advisory committee, Aponte & Busam Public Affairs, representing the National Private Duty Association, and the Home Care Association of Colorado.

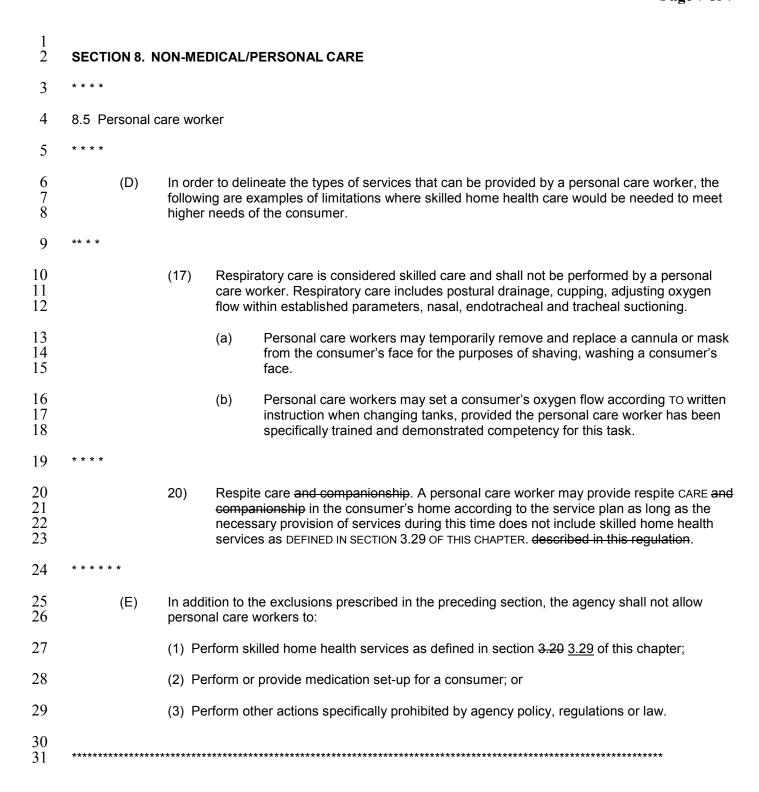
Summarize Major Factual and Policy Issues Encountered and the Stakeholder Feedback Received. If there is a lack of consensus regarding the proposed rule, please also identify the Department's efforts to address stakeholder feedback or why the Department was unable to accommodate the request.

The stakeholders and Department representatives were able to come to consensus on all issues discussed.

Please identify health equity and environmental justice (HEEJ) impacts. Does this proposal impact Coloradoans equally or equitably? Does this proposal provide an opportunity to advance HEEJ? Are there other factors that influenced these rules?

Since the proposed amendments are minor, the Department is unaware of any health equity and environmental justice impact.

1	DEPARTMENT OF I	BLIC HEALTH AND ENVIRONMENT		
2	Health Facilities Regulation Division			
3	STANDARDS FOR HOSPITALS AND HEALTH FACILITIES			
4	CHAPTER XXVI - H	ME CARE AGENCIES		
5	6 CCR 1011-1 Chap	6		
6 7 8	* * * * * SECTION 5. DEPAR	MENT OVERSIGHT		
9	5.1 License classif	ation		
10 11 12 13 14	prov AS A	e care agency shall be issued a license consistent with the type and extent of services ed. Organizations with personal care service employees do not have to be licensed ome care agency if the only services they provide to consumers are housekeeping, unionship and/or respite care that does not involve any other personal care ses.		
15 16 17	<u>(1)</u>	Unless otherwise specified, each LICENSED HOME CARE agency shall meet the requirements in section 6 of this chapter as well as sections 7 and/or 8 depending upor the services provided.		
18 19		Class A – a home care agency that provides any skilled healthcare service. Agencies with a Class A license may also provide personal care services.		
20 21		Class B – a home care agency that provides only personal care services. An agency with a Class B license shall not provide any skilled healthcare service.		
22 23 24	Hea	ency providing home care services that are regulated by the Colorado Department of Care Policy and Financing (HCPF), excluding certified agencies defined in section 3.4 o apter, shall be licensed as a Class B agency unless otherwise specified below.		
25 26 27	(1)	Any agency providing services regulated by HCPF or the Department of Human Services that also provides skilled care or services delivered by a licensed professiona shall be licensed as a Class A agency.		
28 29 30 31 32		(a) In reviewing compliance with the requirements of this chapter by the Program of All-Inclusive Care for the Elderly (PACE) established in Section 25.5-5-412, C.R.S., the department shall coordinate with HCPF in regulatory interpretation of both license and certification requirements to ensure the intent of similar regulations is congruently met.		
33 34 35 36 37 38 39 40		(b) Any agency participating in the In-Home Support Service program (IHSS), THE SUPPORTED LIVING SERVICES PROGRAM OR THE CHILDREN'S EXTENSIVE SUPPORT SERVICES PROGRAM administered by HCPF, shall MAY be licensed as a Class A OR B agency and shall comply with both HCPF's regulations concerning IHSS THOSE PROGRAMS and the applicable portions of section 8 of this chapter. The department shall coordinate with HCPF in regulatory interpretation of both license and certification requirements to ensure the intent of similar regulations is congruently met.		





Notice of Public Rule-Making Hearing Scheduled for March 16, 2016

NOTICE is hereby given pursuant to the provisions of Section 24-4-103, C.R.S., that the Colorado Board of Health will conduct a public rule-making hearing on March 16, 2016 at 10 a.m. in the Sabin-Cleere Conference Room of the Colorado Department of Public Health and Environment, Bldg. A, First Floor, 4300 Cherry Creek Drive, South, Denver, CO 80246, to consider the promulgation of amendments to 6 CCR 1011-1, Chapter 26 regarding home care agencies. The proposed amendments have been developed by the Health Facilities and Emergency Medical Services Division of the Colorado Department of Public Health and Environment pursuant to Section 25-27.5-106, C.R.S. (2015); Section 25-1.5-103, C.R.S. (2015); Section 25-3-101, et seq., C.R.S. (2015) and House Bill 14-1360 which directed the Departments of Public Health and Environment and Health Care Policy and Financing (HCPF) to identify gaps and conflicts in the requirements imposed by each department with regard to the regulation of home care providers and adopt any rule changes necessary to resolve those gaps and conflicts.

The agenda for the meeting and the proposed amendments will also be available on the Board's website, https://www.colorado.gov/pacific/cdphe/boh at least seven (7) days prior to the meeting. The proposed rules, together with the proposed statement of basis and purpose, specific statutory authority and regulatory analysis will be available for inspection at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 at least five working days prior to the hearing. Copies of the proposed rules may be obtained by contacting the Colorado Department of Public Health and Environment, Health Facilities and Emergency Medical Services Division, HFEMSD-C1, 4300 Cherry Creek Drive S., Denver, CO 80246, (303) 692-2800.

The Board encourages all interested persons to participate in the hearing by providing written data, views, or comments, or by making oral comments at the hearing. At the discretion of the Chair, oral testimony at the hearing may be limited to three minutes or less depending on the number of persons wishing to comment. Pursuant to 6 CCR 1014-8, §3.02.1, written testimony must be submitted no later than five (5) calendar days prior to the rulemaking hearing. Written testimony is due by 5:00 p.m., Thursday, March 10, 2016. Persons wishing to submit written comments should submit them to: Colorado Board of Health, ATTN: Jamie L. Thornton, Program Assistant, Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 or by e-mail at: cdphe.bohrequests@state.co.us

Dated this 27 day of January 2016.

Deborah Nelson

Board of Health Administrator

Notice of Proposed Rulemaking

Tracking number

2016-00071

Department

1000 - Department of Public Health and Environment

Agency

1015 - Prevention Services Division (1015 Series)

CCR number

6 CCR 1015-7

Rule title

LOAN REPAYMENT PROGRAM FOR DENTAL PROFESSIONALS

Rulemaking Hearing

Date Time

03/16/2016 10:00 AM

Location

Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246

Subjects and issues involved

To consider the promulgation of rules pertaining to 6 CCR 1015-7, Loan Repayment Program for Dental Professionals

Statutory authority

Section § 25-23-101 C.R.S., et seq

Contact information

Name Title

Stephen Holloway Health Equity & Access Branch Director

Telephone Email

303-692-2582 steve.holloway@state.co.us



Dedicated to protecting and improving the health and environment of the people of Colorado

To: Members of the State Board of Health

From: Stephen Holloway, Branch Chief, Health Equity and Access

Prevention Services Division

Date: December 30, 2015

Subject: Request for Rulemaking Hearing

Proposed Amendments to 6 CCR 1015-7, Loan Repayment Program for Dental Professionals, with a request for the rulemaking hearing to occur in March

2016.

The Dental Loan Repayment Program is authorized under § 25-23-101 C.R.S., et seq. The program receives an annual state appropriation of \$200,000, derived from the Tobacco Master Settlement Agreement. The program seeks to improve access to dental care for underserved populations by creating incentives for dental professionals to accept public insurance as payment for dental care. Specifically, the program reduces the student loan debt of licensed dental professionals in exchange for a minimum threshold of care to those who are insured by Medicaid, the Child Health Plan, or who are uninsured for oral health care. State contracts with dental providers are issued for a minimum term of two years. Contracts can be amended for an additional term of service for those providers who have qualified student loan debt at the end of a contract term and continue to provide care to the underserved in their practice. Since the inception of the program in 2001, contracted clinicians have provided 351,381 patient visits to underserved individuals. In the most recent fiscal year, 23,700 patient visits were delivered to underserved individuals.

The department proposes to simplify and clarify language contained in 6 CCR 1015-7, which governs the Dental Loan Repayment Program. The proposed changes will result in a more concise statement of policy regarding the operation of the program, without substantially modifying the primary purpose of the rule or program implementation. The proposed changes to this rule also clarify reporting and prioritization of awards to better align with the Colorado Health Service Corps (§ 25-1.5-501 C.R.S., et seq), which has developed substantially since the last revision of this rule April of 2010.

STATEMENT OF BASIS AND PURPOSE AND SPECIFIC STATUTORY AUTHORITY for Amendments to 6 CCR 1015-7 Loan Repayment Program for Dental Professionals

Basis and Purpose.

The Dental Loan Repayment Program was authorized by the Colorado General Assembly in the 2001 legislative session by Senate Bill 01-164. The purpose of the legislation was to create a "loan repayment program as an incentive to dental professionals to provide dental services to underserved populations." The program pays all or a part of the principal, interest and related expenses of the educational loans of dental professionals. Both dentists and dental hygienists are eligible to participate in the program.

The legislative proposal that created the program was one among nine recommendations submitted by the Commission on Children's Dental Health in December 2000. In recognition of the shortage of dental providers willing to serve low-income populations, the Commission recommended offering educational loan repayments and other incentives to recent dental graduates to encourage more care to children who were insured by Medicaid and the Child Health Plan. The Commission specifically emphasized the need to attract more private practice dental providers into the care of children who are publicly insured.

Along with setting the amount of annual financial assistance available to dental professionals, the board is authorized, pursuant to Section 25-23-103, C.R.S. to promulgate rules necessary to implement the loan repayment program, including determining the amount of financial assistance available, the criteria for loan repayment assistance, the criteria for determining what constitutes a significant level of service to underserved populations for purposes of qualifying for loan repayment assistance and establishing criteria for prioritizing the repayment of loans if there are insufficient moneys in the state dental loan repayment fund.

The proposed changes remove obsolete and unnecessary terms, align the rule with current practice, specify the program's loan repayment priorities, specify the application and reporting requirements and correct typographical errors. These changes are recommended to improve the clarity of the rule, redact redundancy and unnecessary language from the current rule, and create reporting requirement and periodicity symmetry with the Colorado Health Service Corps. The proposed rule changes are not intended to modify the primary purpose of the rule or the implementation of the program at the department. The proposed changes to the rule are expected to enhance overall program efficiency.

Specific Statutory Authority.			
These rules are promulgated pursuant to § 25-23-101 to 105 C.R.S.			
SUPPLEMENTAL QUESTIONS			
Is this rulemaking due to a change in state statute? Yes, the bill number is; rules are authorized required. X No			
Is this rulemaking due to a federal statutory or regulatory change? Yes X No			
Does this rule incorporate materials by reference? Yes X No			
Does this rule create or modify fines or fees? Yes X No			

REGULATORY ANALYSIS

for Amendments to 6 CCR 1015-7 Loan Repayment Program for Dental Professionals

1. A description of the classes of persons who will be affected by the proposed rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the proposed rule.

No changes to this program are proposed related to the award amount, term of service, or requirements to participate. Two classes of persons stand to benefit directly from this rule. These are dentists and dental hygienists who agree to a term of service and a minimum amount of care to underserved people. There are no classes of persons who are expected to bear the cost of implementation, as there are no expected costs associated with the proposed changes to this rule.

Increased access to care resulting from this program will benefit children and adults who are insured by Colorado Medicaid and the Child Health Plan. Individuals who are low-income and uninsured will also benefit from improved access to care.

2. To the extent practicable, a description of the probable quantitative and qualitative impact of the proposed rule, economic or otherwise, upon affected classes of persons.

There are no anticipated impacts of the proposed rule changes on affected classes of persons.

The program receives an annual appropriation of \$200,000 derived from the Tobacco Master Settlement agreement. Eight to ten loan repayment awards are expected to be made in each year of the program going forward, provided that the annual appropriation to the program remains constant. Program participants are expected to deliver approximately 24,000 patient visits per year to those who are uninsured or insured by Medicaid or the Child Health Plan.

3. The probable costs to the agency and to any other agency of the implementation and enforcement of the proposed rule and any anticipated effect on state revenues.

The proposed changes to the rule are not expected to change the costs of participation or administration of the program. There are no expected changes to state revenue resulting from changes to this rule.

4. A comparison of the probable costs and benefits of the proposed rule to the probable costs and benefits of inaction.

The proposed rule changes are not intended to modify the primary purpose of the rule or the implementation of the program at the department. There are no expected new costs imposed on participants resulting from the proposed changes. The proposed changes are made for the purpose of improving the clarity and concision of the rule and to better align the program with certain administrative attributes of the Colorado Health Service Corps. These alignments include scheduling of the application cycle, contractor reporting periodicity, and the allocation of award considerations between

nonprofit and private practices across both loan repayment programs. The proposed changes to the rule are therefore expected to enhance overall program efficiency.

If no action is taken on this rule, overall program efficiency improvements may not be realized.

5. A determination of whether there are less costly methods or less intrusive methods for achieving the purpose of the proposed rule.

There are no less costly or less intrusive methods of achieving the purpose of this rule revision.

6. Alternative Rules or Alternatives to Rulemaking Considered and Why Rejected.

An alternative to this rule change would be to continue administering the rule as is currently in force. This alternative affords no benefit and saves no costs to the program or its participants.

7. To the extent practicable, a quantification of the data used in the analysis; the analysis must take into account both short-term and long-term consequences.

Because the proposed changes are largely qualitative, no data was used in the analysis of the proposed changes to the rule.

STAKEHOLDER COMMENTS

for Amendments to

6 CCR 1015-7 Loan Repayment Program for Dental Professionals

The following individuals and/or entities were included in the development of these proposed rules:

Katya Mauritson, DMD, MPH, Director, Oral Health Unit, Prevention Service Division

Diane Brunson, MPH, Director of Public Health and Community Outreach, University of Colorado School of Dental Medicine (Ms. Brunson participated in the creation of the program in 2001)

Jeff Thormodsgaard, Colorado Dental Association

The following individuals and/or entities were notified that this rule-making was proposed for consideration by the Board of Health:

Katya Mauritson, DMD, MPH-Director, Oral Health Unit, Prevention Service Division

Diane Brunson, MPH, Director of Public Health and Community Outreach, University of Colorado School of Dental Medicine

Jennifer Goodrum, Colorado Dental Association

Jeff Thormodsgaard, Colorado Dental Association

Current contractors and employers participating in the program through a quarterly newsletter, Facebook page, and Twitter account

The Colorado Community Health Network

ClinicNet

Summarize Major Factual and Policy Issues Encountered and the Stakeholder Feedback Received. If there is a lack of consensus regarding the proposed rule, please also identify the Department's efforts to address stakeholder feedback or why the Department was unable to accommodate the request.

No major factual and policy issues were encountered through the process of stakeholder feedback.

Please identify health equity and environmental justice (HEEJ) impacts. Does this proposal impact Coloradoans equally or equitably? Does this proposal provide an opportunity to advance HEEJ? Are there other factors that influenced these rules?

There are no health equity or environmental justice impacts of the proposed rule change. The effect of the program is, however, intended to improve health equity for those who have poor access to dental care.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Prevention Services Division

LOAN REPAYMENT PROGRAM FOR DENTAL PROFESSIONALS

6 CCR 1015-7

1.1 Definitions:

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2	(1)	-"Board"	means the	State	Board	of Health.
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- (2) -"Dental hygienist provider level I" means :
- 4 (A) A licensed dental hygienist who provides services to at least twenty (20) underserved patients per month on average.; or
- 6 (B) A licensed dental hygienist who provides services to at least twenty (20)
 7 underserved patients per month on average and is employed by a Federally
 8 Qualified Health Center; or
 - (C) A licensed dental hygienist who provides service to at least twenty (20) underserved patients per month on average and owns or is employed by a practice that remains open to new clients enrolled in the Medicaid Program or the Children's Basic Health Plan Program; or
 - (D) A licensed dental hygienist who provides services to at least twenty (20) underserved patients per month on average on a pro bono basis.
 - (3)__-"Dental hygienist provider level II" means:
- 16 (A) A licensed dental hygienist who provides services to at least ten (10) underserved patients per month on average.; or
- (B) A licensed dental hygienist who provides services to at least ten (10) underserved patients per month on average and is employed by a Federally Qualified Health Center, or
 - (C) A licensed dental hygienist who provides services to at least ten (10) underserved patients per month on average and owns or is employed by a practice that remains open to new clients enrolled in the Medicaid Program, or the Children's Basic Health Plan Program; or
 - (D) A licensed dental hygienist who provides services to at least ten (10) underserved patients per month on average on a pro bono basis.

27	(4)"Dentist provider level I" means:
28 29	(A)A licensed dentist who provides services to at least forty (40) underserved patients per month on average; or
2)	patiente per mentir en average, er
30	(B) -A licensed dentist who devotes at least thirty percent (30%) of a full time
31	dental practice to providing services to underserved populations <u>.</u> ; or
32	(B) A licensed dentist who provides services to at least forty (40) underserved
33	patients per month on average or devotes at least thirty percent (30%) of a
34	full time dental practice to providing services to underserved populations
35	and is employed by a Federally Qualified Health Center; or
36	(C) A licensed dentist who provides services to at least forty (40) underserved
37	patients per month on average or devotes at least thirty percent (30%) of a
38	full time dental practice to providing services to underserved populations
39	and owns or is employed by a practice that remains open to new clients
40	enrolled in the Medicaid Program or the Children's Basic Health Plan
41	Program; or
42	(D) A licensed dentist who provides services to at least forty (40) underserved
43	patients per month on average or devotes at least thirty percent (30%) of a
44	full time dental practice to providing services to underserved populations
45	on a pro bono basis.
46	(<u>5</u> <u></u> E)"Dentist provider level II" means:
47	(A)A licensed dentist who provides services to at least twenty-five (25)
48	underserved patients per month on average; or
49	(B) A licensed dentist who devotes at least twenty percent (20%) of a full time
50	dental practice to providing services to underserved populations.; or
51	B. A licensed dentist who provides services to at least twenty five (25)
52	underserved patients per month on average or devotes at least twenty
53	percent (20%) of a full time dental practice to providing services to
54	populations and is employed by a Federally Qualified Health Center; or
55	C. A licensed dentist who provides services to at least twenty five (25)
56	underserved patients per month on average or devotes at least twenty
57	percent (20%) of a full time dental practice to providing services to
58	underserved populations and owns or is employed by a practice that
59	remains open to new clients enrolled in the Medicaid Program or the
60	Children's Basic Health Plan Program; or
61	D. A licensed dentist who provides services to at least twenty-five (25)
62	underserved patients per month on average or devotes at least twenty
63	percent (20%) of a full time dental practice to providing services to
64	underserved populations on a pro bono basis.

(6F)_-"Dentist provider level III" means

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- A. aA licensed dentist in a part time dental practice who provides services to at least ten (10) underserved patients pera month on average. or
 - b. A licensed dentist in a part time dental practice who provides services to at least ten (10) underserved patients a month on average and is employed by a Federally Qualified Health Center; or
 - c. A licensed dentist in a part time dental practice who provides services to at least ten (10) underserved patients a month on average and owns or is employed by a practice that remains open to new clients enrolled in the Medicaid Program or the Children's Basic Health Plan Program.
 - d. A licensed dentist in a part time dental practice who provides services to at least ten (10) underserved patients a month on average on a pro bono basis.
 - (7)__-"Department" means the Department of Public Health and Environment.
 - (8)__-"Eligible dental professional" means a person who is:
 - (AB)_-A dental hygienist licensed in Colorado pursuant to Article 35 of Title 12, C.R.S.; or
 - (BA)_A dentist licensed in Colorado pursuant to aArticle 35 of tTitle 12, C.R.S.; or
- (9)__-"Full time dental practice" means <u>a practice that is routinely open</u> at least thirty-two (32) clinical hours per week.
 - (10)_-"Loan repayment assistance" means financial assistance in paying an award of funds, payable to the lender or lenders that hold professional educational loan debt of the eligible dental professional, which pays all or part of the principal, interest, and other related expenses of a loan for professional education in either dentistry or dental hygiene, as applicable.
 - (11)_-"Loan repayment contract" means the agreement, which is signed by the eligible dental professional and the Department, wherein the eligible dental professional agrees to accept loan repayment assistance and to serve practice in accordance with the requirements in §25-23-101, C.R.S., et seq and these rules in exchange for loan repayment assistance.
 - (12)_-"Master settlement agreement" means the Master Settlement Agreement, the smokeless tobacco Master Settlement Agreement, and the consent decree approved and entered by the court in the case denominated STATE OF COLORADO, EX REL. GALE A. NORTON, ATTORNEY GENERAL V. R.J. REYNOLDS TOBACCO CO.; AMERICAN TOBACCO CO., INC.; BROWN & WILLIAMSON TOBACCO CORP.; LIGGETT AND MEYERS INC.; LORILLARD TOBACCO CO., INC.; PHILLIP MORRIS, INC.; UNITED STATES TOBACCO CO.; B.A.T. INDUSTRIES, P.L.C.; THE COUNCIL FOR TOBACCO RESEARCH-USA.,

102 103	INC.; AND TOBACCO INSTITUTE, INC., Case No. 97 CV 3432, in the District Court for the City and County of Denver.
104 105	(13)"Part-time dental practice" means a dental practice of less than that is routinely open fewer than thirty-two (32) or fewer clinical hours per week.
106 107	(14)"Program" means the loan repayment program for dental professionals created in §25-23-103, C.R.S.
108 109	(15) "Settlement moneys" means the moneys received pursuant to the master settlement agreement, other than attorney fees and costs.
110 111	(<u>15</u> 17)-"Underserved <u>" means any individual</u> patient" includes any individual who is: a member of an underserved population, as defined in § 1.1 (18).
112	(18) "Underserved population" includes but is not limited to:
113 114	(A) <u>Individuals e</u> Eligible for medical assistance under Article 4 <u>Oof</u> F Title 26, C.R.S.; <u>or</u>
115 116	(B) Individuals eEnrolled in the Children's Basic Health Plan pursuant to Article 19 of Title 26, C.R.S.; or
117 118	(C) Individuals e Eligible for medical services pursuant to the program for the medically indigent set forth in Article 15 of Title 26, C.R.S.; or
119 120 121	(D)Individuals who are provided Receiving dental services by a dental professional and who are charged fees in exchange for a reduced fee assessed on a sliding scale that is based upon the individual's income; or
122 123	(E) -Receiving dental services or who are served without charge based upon the individual's income or dental insurance status.
124 125	(16) "Significant level of service" means care provided to the underserved at the levels that qualify the eligible dental professional for one or more of the following:
126	(AD)Dental hygienist provider level I; or
127	(<mark>BE)_</mark> -Dental hygienist provider level II <u>; or</u> -
128	(CA)Dentist provider level I; or
129	(<u>D</u> B)Dentist provider level II; <u>or</u>
130	(EC)Dentist provider level III_;
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133	(1)A dental professional is eligible for loan repayment assistance if the dental
134	professional enters into a loan repayment contract with the Department on or after
135	April 1, 2002, and meets at least one of the following criteria is met:
136	(A)The dental professional is employed by a federally qualified health center
137	as defined by 42 U.S.C. § 1396(d)(l)(2)(B); or
137	<u>as as in early 12 everes 3 vees (a)(i)(2)(2); e.</u>
138	(BC)-The dental professional owns or is employed by a practice that provides a
139	significant level of service to the underserved populations as defined in §
140	1.1(16); or
141	(CB)The dental professional owns or is employed by a practice that remains is
142	open to new clients enrolled in the Medicaid Program or the Children's
143	Basic Health Plan Program and can achieve a significant level of service to
144	the underserved as defined in § 1.1(16).;
1.45	
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146	(D) The dental professional provides, on a pro bono basis, a significant level of
147	service to underserved populations as defined in §1.1(16).
11,	control to analysis to a populations as as in 3 m (10).
148	1.3 Loan repayment prioritization
149	(1)In the event that there are insufficient funds in the state dental loan repayment
150	fund to meet satisfy the loan repayment assistance needs requests of eligible
151	dental professionals in any a given state fiscal year, the Department will prioritize
152	awards in the following order:use the criteria set forth in §1.3(2) through (5) to
153	allocate the available funds.
154	(A) Current program participants who have satisfactorily performed under the
155	terms of their contract for at least 13 months and request a contract
156	amendment to extend their service for an additional year of service under
157	the same terms; then
158	(B) Dentist Level I; then
159	(C) Hygienist Level I; then
160	(D) Dentist Level II; then
171	(E) Hygioniat Loyol III thon
161	(E) Hygienist Level II; then
162	(F) Dentist Level III
102	(1) Benual Level III
163	(2) In addition, tThe Department may, in its discretion, limit further refine the allocation
164	of the awards to number of program participants based on the available funds and
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other legitimate criteria, e.g., such as the geographical disbursement distribution of

program participants or the availability of other public resources to incentivize

167 increased dental care to underserved individuals. to meet identified needs of underserved populations, when applying the following criteria. 168 (2) First priority will be given to Dentist provider level I and Dental hygienist provider 169 level I that: 170 (A) Have satisfactorily completed a two-year service commitment to the underserved 171 population in excess of the amounts set forth in §1.1(4) and (2), respectively; or 172 (B) Agree to provide services to the underserved population in excess of the amounts 173 set forth in §1.1(4) and (2), respectively. 174 (3) Second priority will be given to Dentist provider level I and Dental hygienist provider 175 level I. (4) Third priority will be given to Dentist provider level II.(5) Fourth priority will be 176 given to Dentist provider level III and Dental hygienist level II. 177 178 1.4 Loan repayment 179 (1) -Except as provided in § 1.4 (2), for each year an eligible dental professional 180 provides care to underserved populations in accordance with the terms of a loan 181 repayment contract, the loan repayment awardassistance provided by the 182 Department_shall not exceed, subject to available appropriations, in the aggregate: 183 (AD) -\$6,000 for a Dental hygienist provider level I; 184 (BE) -\$3,000 for a Dental hygienist provider level II;-185 (Ca) -\$25,000 for a Dentist provider level I; 186 (DB) -\$20,000 for a Dentist provider level II; 187 (EC) -\$10,000 for a Dentist provider level III.; 188 -(2) In the event that the total dollars funds available for loan repayment assistance for 189 in the current state fiscal year exceeds the amount needed to fund eligible program 190 applicants at award amounts specified in §1.4 (1) for the number of eligible dental 191 professionals that have entered into loan repayment contracts, the Department 192 may increase the amount of loan repayment assistance to participantsthat an 193 eligible dental professional may receive for that fiscal the year. 194 (3) -The loan repayment award amount will-shall not exceed the total balance due on 195 all amount of the educational loans held by the eligible dental professional plus any 196 197 accrued interest and related expenses. 198

(4) Loan repayment will be considered ordinary income.

1.5 Application requirements

- (1)___An eligible dental professional, desiring to participate in the program, shall complete and submit to the Department the programan application form required byto the Department in accordance with the application deadlines set by the Department. The application shall not be considered complete unless accompanied by the following information: A complete application shall include all of the following:
 - (A) -A <u>current</u> copy of <u>the eligible dental professional's his or her current</u> Colorado dentist or dental hygienist license to practice in Colorado;
 - (B)_-Evidence of having met one or more of the eligibility requirements <u>as</u> <u>described</u> in §1.2 (1);
 - (<u>Ce</u>)_-Evidence of having met <u>and the ability to maintain</u> a <u>level of</u> significant <u>level of</u> service <u>as described in §1.1 (16); to be eligible for loan repayment if applicable;</u>
 - (Dd) _-A <u>current</u> statement from the lending institution <u>that holds the educational</u> loan debt of the applicant and reports dated within the last three months that shows the <u>total remaining</u> loan balance <u>of the applicant and the account</u> <u>status as "current"</u>; and verifies that the dentist or dental hygienist is current with respect to payments on the loan. The information provided by the lending institution must include the total amount of the outstanding loan as of January first of the first year for which the loan repayment is requested;

 - (F) A statement from the lender, or a signed statement from the applicant, must clearly show attesting that the loan was used to financed higher education opportunities resulting in a directly related to dentistry or dental hygiene degree.
- (23) A successful applicant for participation into the program shall sign a contract with the Department. The terms of the loan repayment contract shall be determined by the Department and shall include, but need may not be limited to, the following:
 - (A)__-The total annual amount of loan repayment assistance available awarded to the eligible dental professional;

237 238 239 240 241	(B)The eligible dental professional's agreement to provide care to underserved populations individuals for a minimum of two (2) years at the rates that confer program eligibility to the provider level at which the participant was awarded and the level of such services to be provided (as described set forth in §§1.1 (2) through (6));
242 243	(C)The eligible dental professional's agreement to promptly notify the Department in writing if the participant:
244 245	(i) -Ddecreases the level of serviceed provided to underserved populations from that required under the contract; or
246 247	(ii) <u>-Ceeases to serve provide care to underserved</u> populations individuals; or
248 249	(iii)oOtherwise fails or ceases to meet program eligibility requirements_;
250 251 252	(D) Reasonable pPenalties and other enforcement remedies available to the Department in the event the eligible dental professional breaches the terms of the contract.
253 254 255	(E)The eligible dental professional's agreement to submit quarterly-semi-annual reports to the Department quantifying-evidencing the number of underserved patients served and-other-related practice information .
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257	1.6 Application deadlines
258	The Department may will solicit applications up to three times each at least once per
259	fiscal year on <u>a_date_or date</u> s to be_ determined by the P program, and subject to the
260	availab <u>leility of</u> funds. The <u>A</u> completed application, including all <u>and</u> required
261	attachments, must be received by the Department by on or before the announced application deadlines for the dental professional to be considered for participation in the
262 263	program.



Notice of Public Rule-Making Hearing Scheduled for March 16, 2016

NOTICE is hereby given pursuant to the provisions of Section 24-4-103, C.R.S., that the Colorado Board of Health will conduct a public rule-making hearing on March 16, 2016 at 10 a.m. in the Sabin-Cleere Conference Room of the Colorado Department of Public Health and Environment, Bldg. A, First Floor, 4300 Cherry Creek Drive, South, Denver, CO 80246, to consider the promulgation of rules pertaining to 6 CCR 1015-7, Loan Repayment Program for Dental Professionals. The proposed rules have been developed by the Prevention Services Division of the Colorado Department of Public Health and Environment pursuant to Section § 25-23-101 C.R.S., et seq.

The agenda for the meeting and the proposed amendments will also be available on the Board's website, https://www.colorado.gov/pacific/cdphe/boh at least seven (7) days prior to the meeting. The proposed rules, together with the proposed statement of basis and purpose, specific statutory authority and regulatory analysis will be available for inspection at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 at least five working days prior to the hearing. Copies of the proposed rules may be obtained by contacting the Colorado Department of Public Health and Environment, Prevention Services Division, Primary Care Office, A-5, 4300 Cherry Creek Drive S., Denver, CO 80246, (303) 692-2582.

The Board encourages all interested persons to participate in the hearing by providing written data, views, or comments, or by making oral comments at the hearing. At the discretion of the Chair, oral testimony at the hearing may be limited to three minutes or less depending on the number of persons wishing to comment. Pursuant to 6 CCR 1014-8, §3.02.1, written testimony must be submitted no later than five (5) calendar days prior to the rulemaking hearing. Written testimony is due by 5:00 p.m., Thursday, March 10, 2016. Persons wishing to submit written comments should submit them to: Colorado Board of Health, ATTN: Jamie L. Thornton, Program Assistant, Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 or by e-mail at: cdphe.bohrequests@state.co.us

Dated this 20 day of Canady, 20 16.

Deborah Nelson

Board of Health Administrator

Notice of Proposed Rulemaking

Tracking number

2016-00072

Department

1000 - Department of Public Health and Environment

Agency

1016 - Prevention Services Division (1016 Series)

CCR number

6 CCR 1016-3

Rule title

RULES PERTAINING TO INTERNATIONAL MEDICAL GRADUATES SEEKING STATE SUPPORT OF AN IMMIGRATION PETITION: ELIGIBILITY, APPLICATION PROCESS, FEES AND SELECTION PROCEDURES

Rulemaking Hearing

Date Time

03/16/2016 10:00 AM

Location

Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246

Subjects and issues involved

To consider the promulgation of rules pertaining to 6 CCR 1016-3, International Medical Graduates Seeking State Support of an Immigration Petition: Eligibility Application Process, Fees and Selection Procedures.

Statutory authority

Section § 25-1.5-404, C.R.S.

Contact information

Name Title

Stephen Holloway Health Equity & Access Branch Director

Telephone Email

303-692-2582 stephen.holloway@state.co.us



Dedicated to protecting and improving the health and environment of the people of Colorado

To:

Members of the State Board of Health

From:

Stephen Holloway, Branch Chief, Health Equity and Access

Prevention Services Division

Through:

zabeth Whitley, Prevention Services Division Director

Date:

December 30, 2015

Subject:

Request for Rulemaking Hearing

Proposed Amendments to 6 CCR 1016-3, International Medical Graduates Seeking State Support of an Immigration Petition: Eligibility Application Process, Fees and Selection Procedures, with a request for the rulemaking

hearing to occur in March of 2016.

The goal of the J-1 Visa Waiver and National Interest Waiver programs is to facilitate the placement of non US resident physicians in underserved areas of the state for the purpose of increasing access to primary and specialty medical services. The United States Department of State authorizes the governor or his designee to certify that a waiver of certain visa residency requirements for international medical graduates is in the national interest.

The department proposes to simplify and clarify language contained in 6 CCR 1016-3, which governs the programs for foreign trained physicians practicing in Colorado in order to more clearly reflect federal statutes that create the program. This rule was first promulgated in 2010 and has not been amended since that time. None of the proposed changes are intended to substantially alter how the program has been administered or implemented in the department. The primary purpose of the program is and remains to increase access to care in Colorado communities that experience a shortage of physician providers.

These rules are promulgated in accordance with the statutory authority granted by § 25-1.5-404 C.R.S. for the administration and establishment of application fees for the J-1 Visa Waiver and the National Interest Waiver programs.

STATEMENT OF BASIS AND PURPOSE AND SPECIFIC STATUTORY AUTHORITY

for Amendments to

6 CCR 1016-3, International Medical Graduates Seeking State Support of an Immigration Petition: Eligibility, Application Process, Fees and Selection Procedures

Basis and Purpose.

The department proposes to simplify and clarify language contained in 6 CCR 1016-3, which governs the programs placing foreign trained physicians in Colorado. The proposed changes to the rule include refinement of program definitions, an updated statutory reference, and simplified instructions to applicants regarding the review process.

Key revisions proposed for the current rule include:

- The requirement that the application include evidence that the petitioner has a United States equivalent medical education is removed. The physician residency "match" and admissions process satisfies this requirement prior to the submission of a waiver application to the state. This application requirement is therefore redundant and unnecessary.
- The requirement that a petitioner complete three years of a residency program before applying for a waiver in Colorado is revised to two years. This change is made to allow physicians who are in their final year of residency to apply for a waiver in Colorado. This change benefits the state because it allows physicians to seek qualified employment in Colorado and begin work as soon as they are fully trained. There is no risk of the program supporting waivers for physicians who have incomplete training because the Colorado Medical Board requires complete training for foreign medical graduates prior to granting a license to practice.
- The requirement that a petitioner demonstrate English proficiency is removed. The program has no direct means of evaluating this program requirement. Furthermore, English language proficiency determinations more appropriately reside with the hiring employer.
- The requirement that the petitioner provide a "statement of no objection from the country of origin" is removed. This change is made because the United States Department of State performs this function when reviewing a final waiver application.
- The requirement that an employing practice maintain a sliding fee scale for the uninsured is removed. This change is made because Colorado Medicaid now covers substantially more low income Coloradans and the Health Insurance Exchange provides additional premium support for those ineligible for Medicaid. In addition, it was found that many program users have had difficulty in managing and reporting on the use of sliding fee schedules in large hospital settings. These hospitals continue to maintain free and charitable care policies for the uninsured that do not strictly meet the definition of a sliding fee scale.
- The waiver petition preference hierarchy is removed because Colorado has never filled its allocation of 30 waiver petition slots. As such, there is not likely to be an opportunity to apply this hierarchy in the foreseeable future.

These proposed changes will not modify the purpose of the rule or materially change program implementation. The primary purpose of the program is and remains to increase access to care in Colorado communities that experience a shortage of physician providers.

Specific Statutory Authority.

These rules are promulgated pursuant to § 25-1.5-404.

SUPPLEMENTAL QUESTIONS				
Is this rulemaking due to a change in state statute?				
Yes, the bill number is; rules are authorized required.				
XNo				
<u></u>				
Is this rulemaking due to a federal statutory or regulatory change?				
Yes				
X No				
Does this rule incorporate materials by reference?				
Yes				
X No				
Does this rule create or modify fines or fees?				
Yes				
X No				

REGULATORY ANALYSIS

for Amendments to

6 CCR 1016-3 International Medical Graduates Seeking State Support of an Immigration Petition: Eligibility, Application Process, Fees and Selection Procedures

1. A description of the classes of persons who will be affected by the proposed rule, including classes that will bear the costs of the proposed rule and classes that will benefit from the proposed rule.

The simplification and clarification of 6 CCR 1016-3 is expected to benefit employers, physicians and their representatives who apply to this program. These benefits will also indirectly accrue to the communities they serve by making the visa waiver programs easier to use.

Employers and physicians may be effected by the fee structure, though no changes from the current fee structure are proposed. The fee structure benefits these groups because it supports the work of the Primary Care Office to promote and administer programs that improve access to health care. Specifically, these programs lead to increased placement of physicians in underserved areas of the state and promote more care to publicly insured, uninsured and underinsured people.

While employers generally bear the cost of the visa waiver fee, they benefit from a recruitment incentive that has value far in excess of the cost of the fee. For example, it is not uncommon to pay a signing bonus to US trained physicians of \$30,000 or more for a period of service to a rural hospital or medical practice.

In addition to the recruitment incentive, employers benefit from the technical assistance provided by program staff to facilitate the complete process of application for a visa waiver. This process includes relationships with physician residency programs, immigration attorneys, the US Department of State, and the US Citizenship and Immigration Service.

2. To the extent practicable, a description of the probable quantitative and qualitative impact of the proposed rule, economic or otherwise, upon affected classes of persons.

The proposed rule changes are expected to only have a nominal impact on employers and physicians seeking to use the visa waiver program. The burden of completing an application to the state is expected to be similar, or slightly less, as a result of the proposed changes to the rule. These proposed changes are not expected to increase or decrease the total number of waiver applications to the state. The access to care impact of the program is expected to continue on a scale similar to the experience of the program over the previous five years.

The placement characteristics of the program in the last five years are as follows:

County	Number (56)	Percent
Adams	7	12.5
Alamosa	2	3.6
Arapahoe	3	5.4
Denver	8	14.3
Morgan	4	7.1
Otero	1	1.8
Prowers	1	1.8
Pueblo	30	53.6

Specialty	Number (56)	Percent
Primary Care	40	71.4
Specialty	16	28.6

The Primary Care Office evaluates the effectiveness of the immigration waiver programs on a three year iterative cycle. Data from participating physicians is collected semiannually in reports that document the number of Medicaid, Medicare and uninsured patient visits. Both physicians and employers are required to complete end of service program evaluations that provide information about the overall success of the program at increasing access to care.

The health plan characteristics of those served by program participants are as follows:

Encounters Per Year	Number (56)	Percent
Medicaid	42,180	19.8
Medicare	88,364	41.4
Child Health Plan	1,415	0.7
Sliding Fee Scale	9,923	4.7
Other Health Plans	71,478	33.5

3. The probable costs to the agency and to any other agency of the implementation and enforcement of the proposed rule and any anticipated effect on state revenues.

The cost of administering the program in the department is not expected to change. Annual state revenues are not predicted to change, as no change to the fee structure is proposed and the number of applicants will likely remain constant.

4. A comparison of the probable costs and benefits of the proposed rule to the probable costs and benefits of inaction.

The benefit to changing the rule is a clearer regulation that more precisely conforms to federal statutes about the conduct of the visa programs in the state. The proposed language is simpler and easier to understand for employers and physicians interested in waiver programs. The cost of the application fee remains nominal when compared to the total cost of recruitment, legal council, and federal application fees for those who wish to participate in the program.

If no action is taken on this rule, overall program efficiency improvements may not be realized.

5. A determination of whether there are less costly methods or less intrusive methods for achieving the purpose of the proposed rule.

There are no less costly or intrusive methods of achieving the purpose of this rule revision.

6. Alternative Rules or Alternatives to Rulemaking Considered and Why Rejected.

State statute requires the State Board of Health to maintain rules for this program and establish fees. There is no alternative to rulemaking.

7. To the extent practicable, a quantification of the data used in the analysis; the analysis must take into account both short-term and long-term consequences.

Because the proposed changes are largely qualitative, no data was used in the analysis of the proposed changes to the rule.

STAKEHOLDER COMMENTS for Amendments to

6 CCR 1016-3 International Medical Graduates Seeking State Support of an Immigration Petition: Eligibility, Application Process, Fees and Selection Procedures

The following individuals and/or entities were included in the development of these proposed rules:

Connie Berry, former director of the Texas Primary Care Office and national subject matter expert regarding international medical graduate programs.

The following individuals and/or entities were notified that this rule-making was proposed for consideration by the Board of Health:

Stakeholders were notified via the Colorado Health Service Corps loan repayment program's social media outlets, Facebook and Twitter, and in the program's quarterly newsletter. The audiences for these outlets are comprised of health facility employers in Colorado, as well as current loan recipients and students of health professional schools.

Other stakeholders include the members of the Waiver Application Review Committee:

- Angela Rose, Colorado Community Health Network
- Ashley Mills, Colorado Rural Health Center
- Gail Finley, Colorado Hospital Association
- Henrique Fernandez, MD, Parkview Medical Center (former J-1 Visa physician)
- Tanah Wagenseller, Colorado Community Health Network

Summarize Major Factual and Policy Issues Encountered and the Stakeholder Feedback Received. If there is a lack of consensus regarding the proposed rule, please also identify the Department's efforts to address stakeholder feedback or why the Department was unable to accommodate the request.

No major factual and policy issues were encountered through the process of stakeholder feedback. The proposed changes are for the purpose of improving the clarity and concision of the rule.

Please identify health equity and environmental justice (HEEJ) impacts. Does this proposal impact Coloradoans equally or equitably? Does this proposal provide an opportunity to advance HEEJ? Are there other factors that influenced these rules?

There are no health equity or environmental justice impacts of the proposed rule change. The effect of the program is, however, intended to improve health equity for those who have poor access to care by placing physicians in underserved areas of the state.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Prevention Services Division

RULES PERTAINING TO INTERNATIONAL MEDICAL GRADUATES SEEKING STATE SUPPORT OF AN IMMIGRATION PETITION: ELIGIBILITY, APPLICATION PROCESS, FEES AND SELECTION PROCEDURES

6 CCR 1016-3

.....

1.1 Authority

This regulation is adopted pursuant to the authority in section 25-20_1.5-64_04, Colorado Revised Statutes and is intended to be consistent with the requirements of the State Administrative Procedures Act, section 24-4-101 et seq. (the "APA"-), C.R.S., the Conrad 30 J-1 Visa Waiver Program established in 8 U.S.C. section 1184_(c) (12) (H)(D) (ii) and the National Interest Waiver Program established in 8 U.S.C. section 1153 (b) (2) (B) (ii).

1.2 Definitions

(1) "International Medical Graduate" means a physician who is not a United States citizen and has received a medical degree from a school outside of the United States or Canada.

(2) "J-1 visa physician" means an International Medical Graduate who is not a United States citizen and who holds a J-1 visa for training in a United States medical residency or fellowship program.

(3) "Underserved Area" means a geographic area or clinical facility with one or more of the following designations of the United States Secretary of Health and Human Services.

(A) "Health Professional Shortage Area" as provided in 42 U.S.C. sec. 294e.

(B) "Medically Underserved Area" as provided in 42 U.S.C. sec. 295p.

(C) "Medically Underserved Population" as provided in 42 U.S.C. sec. 254b.

(4) "Conrad 30 J-1 Visa Waiver Program" means the program established in 8 U.S.C. section- 1184 (c) (42) (4D) (ii), allowing foreign trained J-1 visa physicians who meet certain criteria to remain in the United States after training and practice in communities designated as Medically Underserved Areas, Medically Underserved Populations, or Health Professional Shortage Areas.

(5) "National Interest Waiver—Program" means the program established in 8 U.S.C. sec.1153 (b) (2) (B) (ii) allowing foreign-trained physicians who meet certain criteria to

practice in communities designated as Medically Underserved Areas, Medically Underserved Populations, or Health Professional Shortage Areas. receive legal permanent residence in the United States.

(6) "Governor's Designee" means the Director of the Primary Care Office, who has received an official assignment from the governor to act on behalf of the state regarding immigration waiver petitions of International Medical Graduate J-1 Visa physicians.

(7) "Primary Care Office" means the office created in C.R.S. 25-201.5-603404.

(8) "Practice Site" means the physical location at which the International Medical Graduatephysician who is recommended for a waiver will provide clinical services and may or may not be the administrative address of the Employer.

(7)(9) - "Employer" means the legal entity seeking to engage the International Medical Graduate J-1 visa physician in an agreement to provide medical services in exchange for a salary and other remunerations.

(8)(10) "Waiver Application Review Committee" means the committee of health access experts, appointed by the Director of the Primary Care Office, who represent broad interests in addressing Colorado's health work force needs and who support and participate in the decision making review process regarding the waiver petitions of International Medical Graduates.

1.3 Program

International Medical Graduates are permitted to come to the United States for medical residency training on a_nJ-1, non-immigrant Exchange Visitor Visa. Upon completion of training, exchange J-1 visa physicians are required to return to their country of origin for two years before applying for a new United States immigration Visa. The two-year home return requirement may be waived for a physician willing to practice medicine full-time in an Underserved Aarea of the United States for a period of three years_, if requesting a Conrad 30 J-1 Visa Waiver, or five years if requesting a National Interest Waiver. A petition for a waiver of the home return requirement is granted by the federal government where a qualified application is submitted to a state health department and the Governor's Designee determines that the placement of the International Medical Graduate physician-waiver is in the national interest.

1.4 Waiver Petition

(1)—At the time of application, Aan eligible International Medical GraduateJ-1 visa physician shall:

(3)(1) demonstrate a medical education equivalent to a United States trained physician;

(A) <u>Successfully complete at least three two</u> years of a United States based medical residency program;

88	(B) demonstrate English language proficiency;
89	(C) file a statement of no objection from the country of origin, where applicable;
90 91	(C) The a statement of no objection from the country of origin, where applicable,
92	(D)(B) have or Apply for or obtain a Colorado Medical License;
93	(B)(B) nave of historial obtains a colorade medical Electrice,
94	(E)(C) aAgree to comply with program requirements for the full term of service;
95	() <u>127</u> 2
96	(F) -
97	(G)(D) Upon receipt of a Colorado Conrad 30 recommendation, the physician will
98	
99	 i. rReport practice characteristics to the Primary Care Office on a biannual
100	basis; and
101	
102	ii. eComplete an exit survey at the conclusion of his or her service obligation.
103	
104	(4)(2) At the time of application, Aan eligible Practice Site shall:
105	
106	(A) <u>bB</u> e located in an <u>Uu</u> nderserved <u>Aa</u> rea or provide substantial evidence of a
107	physician shortage in the service area for the International Medical
108	GraduateJ-1 visa physician's medical specialty;
109	(m) a A a contract contract contract to Colored by October 45 Mark Contract
110	(B) aAccept patients covered by Colorado Medicaid;
111	(a) a A a continuita in a made by Child Health Dland if the magatica accounts
112	(C) <u>aA</u> ccept patients insured by Child Health Plan+, if the practice accepts
113	children;
114 115	(D) aAccept patients insured by Medicare, if the practice accepts elderly patients
116	who are 65 and over;
117	(E)
117	(F)(D) assess clinic charges on a posted sliding fee schedule for low income
119	patients; eEmploy the International Medical Graduate J-1 visa physician full
120	time, in direct patient care, at a salary commensurate with that of a United
121	States trained physician in the same specialty with similar experience and
122	training, in the region;
123	
124 <u>(E</u>	aAssign a patient panel to the International Medical GraduateJ-1 visa
125	physician that is not substantially different than that of other physicians in the
126	practice with the same clinical specialty;
127	
128 <u>(</u> F	Upon receipt of a Colorado Conrad 30 recommendation, the Practice Site
129	<u>will:</u>
130	
131	
132	i. rReport practice characteristics to the Primary Care Office on a biannual
133	basis; and
134	
135	ii.eComplete an exit survey at the conclusion of their service obligation.
136	

137 138 139	(5)(3) A complete application shall originate from a prospective Employer and shall contain all elements described in the application guidance available from the Primary Care Office, which include:
140 141	(A) an application face page,
142143	(B) an employer statement,
144 145	(C) a community statement of need,
146 147	(D) a recruitment effort summary,
148 149	(E) a signed contract that conforms to waiver and program requirements,
150 151	(F) a physician retention plan,
152 153	(G) all required immigration documentation, and
154 155 156	(H) documentation supporting the International Medical Graduate's waiver eligibility.
157 158 159	(6)(4) An application fee shall be assessed in exchange for a complete application review and waiver support determination. Fees are not refundable in the event
160 161 162	the Governor's Designee declines to support a waiver petition, the Department of State or the United States Citizenship and Immigration Services declines to grant a waiver, the physician fails to begin a service commitment, or the physician or
163 164 165	employer terminates a service commitment prior to the end of a service obligation. Fees shall be payable at the time of application to the "Colorado Department of Public Health and Environment" on the following schedule:
166 167(A) 168	\$1,000 for a Conrad 30 J-1 Visa Waiver application review.
169(B) 170 171	\$250 for a National Interest Waiver application reviewletter where the physician is a currently J-1 Visa Waiver physician practicing, or intends to practice in Colorado.
172 173 (C) 174 175	\$1,250 for a National Interest Waiver application review letter where the physician is not a current by J-1 Visa Waiver physician practicing in Colorado.
176(D) 177 178	The Governor's Designee may waive application fees for Executive agencies of state government.
179 180	1.5 Application Review Process
181 182	(1) Conrad 30 J-1 Visa Waiver Application
183 184	 (A) Applications will be accepted at any time and will be reviewed in the order that they are received.

(B) Complete applications, where both the International Medical Graduate and 186 Practice Site are eligible under program rules, will be referred to the 187 Waiver Application Review Committee for a vote. In federal fiscal years 188 where more than 30 applications are received, priority will be given to 189 applicants who: 190 191 (1) are specialists in Family Medicine, General Internal Medicine, 192 General Pediatrics, General Obstetrics and Gynecology, or 193 General Psychiatry; 194 195 (2) will be placed in an outpatient clinical setting; and 196 197 (3) are assigned to a Practice Site located in a current Health 198 Professional Shortage Area. 199 200 201 (C) The Governor's Designee will support waiver petitions that are recommended by a majority vote of the Waiver Application Review 202 Committee. All decisions regarding state support of a waiver petition are 203 final. 204 205 (B) Once 30 waiver requests have been supported by the Governor's 206 Designee in a single federal fiscal year, the application process will be 207 closed until the following federal fiscal year. 208 209 210 (2) (2)—National Interest Waiver Application 211 212 Applications Requests will be accepted at any time and will be reviewed in the 213 order that they are received. The Governor's Designee will respond to the 214 National Interest Waiver request in writing. 215 216 (A) Complete applications, where both the International Medical Graduate and 217 218 Practice Site are eligible under program rules, will be evaluated by the Governor's Designee if an applicant is a current J-1 Visa Waiver physician 219 practicing in Colorado, or be referred to the Waiver Application Review 220 Committee for a vote if the applicant is not a current J-1 Visa Waiver 221 physician practicing in Colorado. 222 223 (B) The Governor's Designee will make the final determination of state 224 support. All decisions regarding state support of a waiver petition are 225 final. 226 227



Notice of Public Rule-Making Hearing Scheduled for March 16, 2016

NOTICE is hereby given pursuant to the provisions of Section 24-4-103, C.R.S., that the Colorado Board of Health will conduct a public rule-making hearing on March 16, 2016 at 10 a.m. in the Sabin-Cleere Conference Room of the Colorado Department of Public Health and Environment, Bldg. A, First Floor, 4300 Cherry Creek Drive, South, Denver, CO 80246, to consider the promulgation of rules pertaining to 6 CCR 1016-3, International Medical Graduates Seeking State Support of an Immigration Petition: Eligibility Application Process, Fees and Selection Procedures. The proposed rules have been developed by the Prevention Services Division of the Colorado Department of Public Health and Environment pursuant to Section § 25-1.5-404, C.R.S.

The agenda for the meeting and the proposed amendments will also be available on the Board's website, https://www.colorado.gov/pacific/cdphe/boh at least seven (7) days prior to the meeting. The proposed rules, together with the proposed statement of basis and purpose, specific statutory authority and regulatory analysis will be available for inspection at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 at least five working days prior to the hearing. Copies of the proposed rules may be obtained by contacting the Colorado Department of Public Health and Environment, Prevention Services Division, Primary Care Office, A-5, 4300 Cherry Creek Drive S., Denver, CO 80246, (303) 692-2582.

The Board encourages all interested persons to participate in the hearing by providing written data, views, or comments, or by making oral comments at the hearing. At the discretion of the Chair, oral testimony at the hearing may be limited to three minutes or less depending on the number of persons wishing to comment. Pursuant to 6 CCR 1014-8, §3.02.1, written testimony must be submitted no later than five (5) calendar days prior to the rulemaking hearing. Written testimony is due by 5:00 p.m., Thursday, March 10, 2016. Persons wishing to submit written comments should submit them to: Colorado Board of Health, ATTN: Jamie L. Thornton, Program Assistant, Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South EDO-A5, Denver, Colorado 80246-1530 or by e-mail at: cdphe.bohrequests@state.co.us

Dated this 27 day of January, 20/4.

Deborah Nelson

Board of Health Administrator

Notice of Proposed Rulemaking

Tracking number

303-398-7675

2016-00070		
Department		
1502 - Public Employees' Retirement Board		
Agency		
1502 - Public Employees' Retirement Association		
CCR number		
8 CCR 1502-1		
Rule title COLORADO PERA RULES		
Rulemaking Hearing		
Date	Time	
03/11/2016	01:30 PM	
Location Colorado PERA Office - 1301 Pennsylvania	Street, Denver CO 80203	
Subjects and issues involved Amendment to the Colorado PERA Rules		
Statutory authority C.R.S. 24-51-204(5)		
Contact information		
Name	Title	
Megan Westberg	Staff Attorney	
Telephone	Email	

mwestberg@copera.org

PUBLIC EMPLOYEES' RETIREMENT ASSOCIATION COLORADO PERA RULES

8 CCR 1502-1

NOTICE OF PROPOSED PERMANENT RULEMAKING HEARING March 11, 2016

STATEMENT OF BASIS AND PURPOSE

The statutory authority for rulemaking by the Public Employees' Retirement Association is section 24-51-204(5), Colorado Revised Statutes, as amended.

The purpose of this rulemaking is to amend Colorado PERA Rule 2.50 to permit Board elections of Board Chair and Vice Chair to occur at the last regular meeting of the calendar year, and for those elected individuals to assume office at the next regularly scheduled meeting. Currently, those elections are held at the first meeting after January 1.

2.50 Election of Officers

The Board shall, by secret ballot, elect by secret ballot from among its members a Chair and Vice Chair, each to serve for terms of two years. When elections are required, They shall take place be elected at the last regular meeting held in the calendar year, and the newly elected Chair and Vice Chair shall assume office as of the next regular meeting. first regular meeting held after January 1 commencing with the first regular meeting held after January 1, 2007, and shall serve for terms of two years. No member may serve continuously as Chair for more than two consecutive terms. All officers shall be elected by a majority of those present and voting.

Notice of Proposed Rulemaking

2016-00064

Department

2505,1305 - Department of Health Care Policy and Financing

Agency

2505 - Medical Services Board (Volume 8; Medical Assistance, Children's Health Plan)

CCR number

10 CCR 2505-10

Rule title

MEDICAL ASSISTANCE - STATEMENT OF BASIS AND PURPOSE, AND RULE HISTORY

Rulemaking Hearing

Date Time

03/11/2016 09:00 AM

Location

303 East 17th Avenue, 11th Floor, Denver, CO 80203

Subjects and issues involved

see attached

Statutory authority

25.5-1-301 through 25.5-1-303, CRS (2015)

Contact information

Name Title

Judi Carey MSB Coordinator

Telephone Email

303-866-4416 judith.carey@state.co.us



Medical Services Board

NOTICE OF PROPOSED RULES

The Medical Services Board of the Colorado Department of Health Care Policy and Financing will hold a public meeting on Friday, March 11, 2016, beginning at 9:00 a.m., in the eleventh floor conference room at 303 East 17th Avenue, Denver, CO 80203. Reasonable accommodations will be provided upon request for persons with disabilities. Please notify the Board Coordinator at 303-866-4416 or judith.carey@state.co.us or the 504/ADA Coordinator hcpf504ada@state.co.us at least one week prior to the meeting to make arrangements.

A copy of the full text of these proposed rule changes is available for review from the Medical Services Board Office, 1570 Grant Street, Denver, Colorado 80203, (303) 866-4416, fax (303) 866-4411. Written comments may be submitted to the Medical Services Board Office on or before close of business the Wednesday prior to the meeting. Additionally, the full text of all proposed changes will be available approximately one week prior to the meeting on the Department's website at www.colorado.gov/hcpf/medical-services-board.

This notice is submitted to you for publication, pursuant to § 24-4-103(3)(a) and (11)(a), C.R.S.

MSB 15-10-27-E, Revision to the Medical Assistance Health Programs Benefits Management Rule Concerning Supervision Requirements for Registered Nurses at Local Public Health Agencies, Section 8.200

Medical Assistance: The proposed rule revises the supervision requirements for vaccination administration services rendered by a Registered Nurse (RN) at a Local Public Health Agency (LPHA). The proposed revision removes the requirement that the supervising provider be physically onsite for the duration of vaccination administration services rendered by RNs, and replaces it with a requirement that the supervising provider be immediately available via telephonic or other electronic means to give assistance throughout the performance of the service. This rule revision is intended to increase access to vaccinations for Colorado Medicaid members served by LPHAs.

State authority for this rule is contained in 25.5-1-301 through 25.5-1-303, C.R.S. (2015); 25.5-4-401(2), C.R.S. (2015); and 24-4-103(6)(a), C.R.S. (2015). Federal Authority for this rule is contained in 42 CFR 440.230(2)(b).

MSB 15-10-27-A, Revision to the Medical Assistance Special Financing Rule Concerning Colorado Dental Health Care Program for Low-Income Seniors, 10 CCR 2505-10, Section 8.960.

Medical Assistance. Colorado Dental Health Care Program for Low-Income Seniors, 10 CCR 2505-10, Section 8.960. This rule change clarifies the covered dental care services under this program, which include diagnostic imaging, emergency services, endodontic services, evaluation, oral and

maxillofacial surgery, palliative treatment, periodontal treatment, preventive services, prophylaxis, removable prosthesis, and restorative services.

The state authority for this rule is contained in Sections 25.5-1-301 through 25.5-1-303, C.R.S. (2015); and 25.5-3-404, C.R.S. (2015)

MSB 15-11-20-A, Revision to the Medical Assistance Finance Office Payment Reform Section Hospital Services Rule Concerning Definition for Trim Point Day, Section 8.300.1

Medical Assistance. Hospital Services. The definition for Trim Point Day in section 10 CCR 2505-10 8.300.1 will be updated to reflect the 2.58 standard deviations used to calculate the trim point day implemented with All Patient Refined – Diagnosis Related Groups (APR-DRG) on 1/1/2014 instead of the 1.94 standard deviations that were used in calculating the trim points for CMS-DRGs (Centers for Medicare and Medicaid Services) prior to 1/1/2014.

The state authority for this rule is contained in Sections 25.5-1-301 through 25.5-1-303, C.R.S. (2015), and 25.5-4-401, C.R.S (2015).

Federal authority for this rule is contained in 42 C.F.R. 412

Notice of Proposed Rulemaking

Tracking number

2016-00050

Department

500,1008,2500 - Department of Human Services

Agency

2506 - Food Assistance Program (Volume 4B)

CCR number

10 CCR 2506-1

Rule title

RULE MANUAL VOLUME 4B, FOOD ASSISTANCE

Rulemaking Hearing

Date Time

03/04/2016 10:00 AM

Location

Jefferson County Department of Human Services, 900 Jefferson County Parkway, Golden, Colorado 80401

Subjects and issues involved

The purpose of the proposed rule change is to modify the implementation date of rules that were previously adopted to implement Transitional Food Assistance. The purpose of Transitional Food Assistance was to provide stable food benefits to families that receive Food Assistance and Colorado Works (CW) basic cash assistance, but become ineligible for Colorado Works cash assistance during the middle of the households certification period because the familys income makes them ineligible. Transitional Food Assistance is meant to help meet a familys nutritional needs for five (5) months as they transition into self-sufficiency.

The effective date of the previously adopted rules was February 1, 2016. Due to delays in automated system changes that are necessary to implement the rule, the effective date must be modified to July 1, 2016, which is when the system changes will be completed.

Statutory authority

26-1-107; 26-1-109; 26-1-111; 26-2-301, C.R.S. (2015); Pub. L. 113-79 (Agricultural Act of 2014); 7 U.S.C. Sections 2011-2036; 7 CFR 273.26 - 7 CFR 273.32

Contact information

Name Title

Amanda Dyer Food Assistance Program

Telephone Email

303-866-2538 amanda.dyer@state.co.us

Rule-making#: 16-1-14-1

Office/Division or Program:

Office of Economic Security/

Food Assistance Program

Rule Author: Amanda Dver Phone: 303-866-2538

E-Mail: amanda.dyer@state.co.us

STATEMENT OF BASIS AND PURPOSE

Summary of the basis and purpose for the rule or rule change. (State what the rule says or does, explain why the rule or rule change is necessary and what the program hopes to accomplish through this rule. How do these rule changes align with the outcomes that we are trying to achieve, such as those measured in C-Stat?)

The purpose of the proposed rule change is to modify the implementation date of rules that were previously adopted to implement Transitional Food Assistance.

The purpose of Transitional Food Assistance was to provide stable food benefits to families that receive Food Assistance and Colorado Works (CW) basic cash assistance, but become ineligible for Colorado Works cash assistance during the middle of the household's certification period because the family's income makes them ineligible. Transitional Food Assistance is meant to help meet a family's nutritional needs for five (5) months as they transition into self-sufficiency.

The effective date of the previously adopted rules was February 1, 2016. Due to delays in automated system changes that are necessary to implement the rule, the effective date must be modified to July 1, 2016, which is when the system changes will be completed.

mien the cyclem changes	viii be completed.		
An emergency rule-making	(which waives the initial	Administrative Procedure Act notic	ing requirements) is necessary:
X to comply wit	h state/federal law and/c	or	
X to preserve p	ublic health, safety and v	welfare	
Explain: To implement Tra	ansitional Food Assistan	ce, automated system changes are	e necessary to make
		ive clients. In finalizing the system	
•		ed and, as a result, the effective d	
		ne system enhancements, Transitio ergency proposed rule is necessar	
		out of compliance with state regulat	
	,		
Initial Review	02/05/2016	Final Adoption	03/04/2016
Proposed Effective Date	02/05/2016	EMERGENCY Adoption	02/05/2016

[Note: "Strikethrough" indicates deletion from existing rules and "all caps" indicates addition of new rules.]

Rule-making#: 16-1-14-1

Office/Division or Program:

Office of Economic Security/

Food Assistance Program

Rule Author: Amanda Dver

Phone: 303-866-2538

E-Mail: amanda.dyer@state.co.us

STATEMENT OF BASIS AND PURPOSE (continued)

Authority for Rule:

State Board Authority: 26-1-107, C.R.S. (2015) - State Board to promulgate rules;

26-1-109, C.R.S. (2015) - state department rules to coordinate with federal programs;

26-1-111, C.R.S. (2015) - state department to promulgate rules for public assistance and welfare activities.

<u>Program Authority</u>: (give federal and/or state citations and a summary of the language authorizing the rule-making) 26-2-301, C.R.S. (2015) – allows the state department, with the approval of the state board, to enter into an agreement with the secretary of the United States Department of Agriculture to accept federal food assistance benefits for disbursement to qualified households in accordance with federal law;

Public Law 113-79 (Agricultural Act of 2014) and 7 U.S.C. Sections 2011-2036 – Federal program authority for the Food Assistance Program;

7 CFR 273.26 through 7 CFR 273.32 – Federal regulations governing the administration of the Transitional Benefits Alternative

Does the rule incorporate material by reference?	Ì		1
Does this rule repeat language found in statute?	Yes	Х	No
If yes, please explain.	Yes	X	No

The program has sent this proposed rule-making package to which stakeholders?

Aurora Community Connection outreach partner;

Hunger Free Colorado outreach partner;

Weld Food Bank outreach partner;

Care and Share outreach partner:

Colorado Legal Services:

The Legal Center for Persons with Disabilities and Older Persons;

Colorado Center on Law and Policy;

Colorado Human Services Directors Association (CHSDA);

Office of Economic Security Sub-PAC;

Food Assistance Performance Improvement Plan monthly meeting which consists of representatives from the ten largest counties; and,

CDHS Colorado Works Program, Adult Financial Program, and Office of Appeals

Attachments:

Regulatory Analysis Overview of Proposed Rule Stakeholder Comment Summary

Rule-making#: 16-1-14-1

Office/Division or Program: Rule Author: Amanda Dyer Phone: 303-866-2538

Office of Economic Security/

Food Assistance Program

REGULATORY ANALYSIS

(complete each question; answers may take more than the space provided)

1. List of groups impacted by this rule:

Which groups of persons will benefit, bear the burdens or be adversely impacted by this rule?

No groups of persons will benefit, bear the burdens or be adversely impacted by delaying the implementation date of the previously adopted rule-making, as Transitional Food Assistance has not yet been implemented.

2. Describe the qualitative and quantitative impact:

How will this rule-making impact those groups listed above? How many people will be impacted? What are the short-term and long-term consequences of this rule?

Delaying implementation of Transitional Food Assistance is necessary to ensure that automated systems are functioning properly so that Transitional Food Assistance is administered correctly in accordance with federal regulations to prevent non-compliance in administering a federal policy option.

3. Fiscal Impact:

For each of the categories listed below explain the distribution of dollars; please identify the costs, revenues, matches or any changes in the distribution of funds even if such change has a total zero effect for any entity that falls within the category. If this rule-making requires one of the categories listed below to devote resources without receiving additional funding, please explain why the rule-making is required and what consultation has occurred with those who will need to devote resources.

<u>State Fiscal Impact</u> (Identify all state agencies with a fiscal impact, including any Colorado Benefits Management System (CBMS) change request costs required to implement this rule change)

There is no state fiscal impact in regards to the funding of the Food Assistance benefit. All Food Assistance benefits are one hundred percent (100%) federally funded.

Changes to the Colorado Benefits Management System (CBMS) will be completed with funds already available to the program areas.

Costs to provide training will be absorbed within current state positions that currently conduct training.

County Fiscal Impact

There are no county fiscal impacts associated with this rule change.

Federal Fiscal Impact

There are no federal fiscal impacts associated with this rule change. The United States Department of Agriculture, Food Nutrition Service (USDA, FNS), has been informed of the implementation of Transitional Food Assistance and no concerns have been raised regarding the potential increase in Food Assistance benefit issuance and the associated federal fiscal costs. All Food Assistance benefits issued to households are 100% federally funded.

FNS has been notified of the delayed implementation and has no concerns.

Rule-making#: 16-1-14-1

Office/Division or Program:

Office of Economic Security/

Food Assistance Program

Rule Author: Amanda Dyer Phone: 303-866-2538

REGULATORY ANALYSIS (continued)

Other Fiscal Impact (such as providers, local governments, etc.)

There are no other fiscal impacts associated with this rule change.

4. Data Description:

List and explain any data, such as studies, federal announcements, or questionnaires, which were relied upon when developing this rule?

Feedback received from the system vendor was utilized in developing this rule.

5. Alternatives to this Rule-making:

Describe any alternatives that were seriously considered. Are there any less costly or less intrusive ways to accomplish the purpose(s) of this rule? Explain why the program chose this rule-making rather than taking no action or using another alternative.

No other alternatives to rule-making are available to delay implementation of the Transitional Food Assistance policy option.

Modifying the Implementation Date of Transitional Food Assistance Title of Proposed Rule:

Rule-making#: 16-1-14-1

Office/Division or Program: Office of Economic Security/

Food Assistance Program

Rule Author: Amanda Dyer Phone: 303-866-2538

OVERVIEW OF PROPOSED RULE

Compare and/or contrast the content of the current regulation and the proposed change.

Section Numbers	Current Regulation	Proposed Change	<u>Stak</u>	<u>ceholde</u>	Comi	ment
4.609.1	Outlines the general eligibility guidelines for Transitional Food Assistance	Added that the effective implementation date for Transitional Food Assistance is July 1, 2016		Yes	X	No

Title of Proposed Rule: Modifying the Implementation Date of Transitional Food Assistance

Rule-making#: 16-1-14-1

Office/Division or Program: Rule Author: Amanda Dyer Phone: 303-866-2538

Office of Economic Security/
Food Assistance Program

STAKEHOLDER COMMENT SUMMARY

DEVELOPMENT

The following individuals and/or entities were included in the development of these proposed rules (such as other Program Areas, Legislative Liaison, and Sub-PAC):

Colorado Works Program area

THIS RULE-MAKING PACKAGE

The following individuals and/or entities were contacted and informed that this rule-making was proposed for consideration by the State Board of Human Services:

Aurora Community Connection outreach partner;

Hunger Free Colorado outreach partner;

Weld Food Bank outreach partner;

Care and Share outreach partner;

Colorado Legal Services;

The Legal Center for Persons with Disabilities and Older Persons:

Colorado Center on Law and Policy;

Colorado Human Services Directors Association (CHSDA);

Office of Economic Security Sub-PAC:

Food Assistance Performance Improvement Plan monthly meeting which consists of representatives from the ten largest counties; and,
CDHS Colorado Works Program, Adult Financial Program, and Office of Appeals
Are other State Agencies (such as Colorado Department of Health Care Policy and Financing) impacted by these rules? If so, have they been contacted and provided input on the proposed rules?
Yes X No
Have these rules been reviewed by the appropriate Sub-PAC Committee?
Yes X No
Date presented Not yet presented. Were there any issues raised? Yes No
If not, why. <u>Sub-PAC has not reviewed the emergency rule</u> , as the need to pursue this emergency rule change occurred between the monthly meetings. All county departments and other stakeholders are being notified of the delay in implementation, and this will be presented at the next Sub-PAC meeting.

Rule-making#: 16-1-14-1

Office/Division or Program: Office of Economic Security/

Food Assistance Program

Rule Author: Amanda Dyer Phone: 303-866-2538

STAKEHOLDER COMMENT SUMMARY (continued)

Comments were received from stakeholders on the proposed rules:
Yes X No

If "yes" to any of the above questions, summarize and/or attach the feedback received, including requests made by the State Board of Human Services, by specifying the section and including the <u>Department/Office/Division response</u>. Provide proof of agreement or ongoing issues with a letter or public testimony by the stakeholder.

(10 CCR 2506-1)

4.609 TRANSITIONAL FOOD ASSISTANCE

4.609.1 GENERAL ELIGIBILITY GUIDELINES [Eff. 2/1/16]

- A. EFFECTIVE JULY 1, 2016, households that receive Food Assistance and Colorado Works basic cash assistance that become ineligible for continued receipt of Colorado Works basic cash assistance as a result of changes in household income are eligible to receive Transitional Food Assistance (TFA), as provided for within this section. Colorado works diversion payments are not considered basic cash assistance. Colorado works basic cash assistance is defined in Section 3.601 of the Code of Colorado Regulations (9 CCR 2503-6).
- B. Households that are eligible to receive Transitional Food Assistance will have the Food Assistance benefit amount continued for five (5) months. The household's Food Assistance allotment will be continued in an amount based on what the household received prior to when the household's income made them ineligible for Colorado Works basic cash assistance. Only the following four (4) changes will be acted upon when determining the Food Assistance allotment that is to be continued.
 - 1. The loss of the Colorado Works cash grant;
 - 2. Changes in household composition that result in a household member leaving and applying for Food Assistance in another household;
 - 3. Updates to the Food Assistance eligibility standards that change each October 1 as a result of the annual cost-of-living adjustments (see Section 4.607); and,
 - 4. Imposing an intentional program violation disqualification.
- C. When the Food Assistance benefit amount is continued, the household's existing certification period shall end, and the household shall be assigned a new five (5) month certification period. The recertification requirements located within Section 4.209 that would normally apply when the household's certification period ends must be postponed until the end of the five (5) month transitional certification period.
- D. Households who are denied or not eligible for Transitional Food Assistance must have continued eligibility and benefit level determined in accordance with Section 4.604.
- E. The following households are not eligible to receive Transitional Food Assistance:
 - 1. Households leaving the Colorado Works program due to a Colorado Works sanction; or,
 - 2. Households that are ineligible to receive Food Assistance because all individuals in the household meet one of the following criteria:
 - a. Disgualified for intentional program violation in accordance with Section 4.803;
 - b. Ineligible for failure to comply with a work requirement in accordance with Section 4.310;
 - c. Ineligible student in accordance with Section 4.306;

- d. Ineligible non-citizen in accordance with Section 4.305.1;
- e. Disqualified for failing to provide information necessary for making a determination of eligibility in accordance with Section 4.500 or for completing any subsequent review of its eligibility in accordance with Sections 4.209 and 4.210;
- f. Disqualified for receiving Food Assistance benefits in more than one household in the same month in accordance with Section 4.803.3;
- g. Disqualified for being a fleeing felon in accordance with Section 4.304.4;
- h. Able-bodied adults without dependents who fail to comply with the requirements of Section 4.310.

Notice of Proposed Rulemaking

Tracking nu	mber
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2016-00049

Department

500,1008,2500 - Department of Human Services

Agency

2513 - Division of Rehabilitation (Volume 9)

CCR number

12 CCR 2513-1

Rule title

RULE MANUAL VOLUME 9, REHABILITATION SERVICES

Rulemaking Hearing

Date Time

03/04/2016 10:00 AM

Location

Jefferson County Department of Human Services, 900 Jefferson County Parkway, Golden, Colorado 80401

Subjects and issues involved

This rule implements Senate Bill 15-240, which was signed into law on May 1, 2015, and requires that rules be promulgated on or before July 1, 2016 for the block distribution of state moneys to Independent Living Centers. The rule outlines how the additional \$830,000 that was allocated by the State Legislature will be distributed to the Centers for Independent Living under the funding formula that the Centers agreed to in October 2015. The Centers agreed to a weighted formula that divides county disability population, plus county population, and land area by population to determine the funding amount for each county. The Centers also agreed to explore setting aside \$400,000 to establish a Division of Independent Living in State Government. The program will be meeting its fiduciary requirements by having this rule promulgated.

Statutory authority

26-1-107; 26-1-109; 26-1-111; 26-8.1-103, C.R.S.; 26-8.1-105; 26-8.1-107, C.R.S. (2015); Title VII, Section 725 of the Rehabilitation Act of 1973, as amended

Contact information

Name Title

Karen Prince Division of Vocational Rehabilitation

Telephone Email

303-866-4730 karen.prince@state.co.us

Rule-making#: 15-11-30-1

Office/Division or Program: Office of Community Access and Independence (OCAI)/ Division of

Vocational Rehabilitation (DVR)

Rule Author: Karen Prince

Phone: 303-866-4730

E-Mail:

karen.prince@state.co.us

STATEMENT OF BASIS AND PURPOSE

Summary of the basis and purpose for the rule or rule change. (State what the rule says or does, explain why the rule or rule change is necessary and what the program hopes to accomplish through this rule. How do these rule changes align with the outcomes that we are trying to achieve, such as those measured in C-Stat?)

This rule implements Senate Bill 15-240, which was signed into law on May 1, 2015, and requires that rules be promulgated on or before July 1, 2016 for the block distribution of state moneys to Independent Living Centers. The rule outlines how the additional \$830,000 that was allocated by the State Legislature will be distributed to the Centers for Independent Living under the funding formula that the Centers agreed to in October 2015. The Centers agreed to a weighted formula that divides county disability population, plus county population, and land area by population to determine the funding amount for each county. The Centers also agreed to explore setting aside \$400,000 to establish a Division of Independent Living in State Government. The program will be meeting its fiduciary requirements by having this rule promulgated.

An emergency rule-making	(which waives the initia	l Administrative Procedure Act notic	ing requirements) is necessary
	h state/federal law and/ ublic health, safety and		
distributed based on the fu available for disbursement place authorizing the use of emergency basis in order the health, safety and welfare	Inding formula to which January 2016; howeve of the funding formula. To comply with state law of individuals with disabsery) 2016 will result in a	rule for disbursement of the addition the Centers for Independent Living er, the funds cannot be distributed to Therefore, it is necessary to promuly and to provide delivery of services bilities. Failing to complete the rule a loss of funding to the CILs, denying	(CIL) agreed. Funds were the CILs until the rule is in ligate these rules on an in a timely manner for the making process before the
Initial Review	02/05/2016	Final Adoption	03/04/2016
Proposed Effective Date	02/05/2016	EMERGENCY Adoption	02/05/2016
Note: "Strikethrough" indica	ates deletion from existin	g rule and "all caps" indicates addition	n of new rules.1

Title of Proposed Rule: State Alloca	ation for Delivery of Independent Living S	Services Pursuant to S.B. 15-240
Rule-making#: 15-11-30-1		
Office of Community Access and E-Mail:		Phone: 303-866-4730 E-Mail: karen.prince@state.co.us
STATEME	ENT OF BASIS AND PURPOSE (contin	ued)
Authority for Rule:		
State Board Authority: 26-1-107, C.R.S. department rules to coordinate with feder rules for public assistance and welfare ac	al programs; 26-1-111, C.R.S. (2015) -	
Program Authority: (give federal and/or state VII, Section 725 of the Rehabilitation 26-8.1-103, C.R.S. (2015) – functions of tamoneys to Independent Living Centers; 26-8.1-105, C.R.S. (2015) – authority to page 26-8.1-107, C.R.S. (2015) – evaluation state VIII of the Program Authority: (2015) – evaluation state VIII of the Program Au	n Act of 1973, as amended; the state department and rule-making a promulgate rules setting standards for le	uthority for block distribution of
Does the rule incorporate material by refer		
Does this rule repeat language found in st	atute? Yes X	No
If yes, please explain. Yes X No		No
The program has sent this proposed rule-r	making package to which stakeholders?	
Centers for Independent Living, Statewide Colorado Developmental Disabilities Cou individuals with disabilities notification		
Attachments: Regulatory Analysis Overview of Proposed Rule Stakeholder Comment Summary		

Rule-making#: 15-11-30-1

Office/Division or Program: Community Access and Independence/ Division of

Vocational Rehabilitation

Rule Author: Karen Prince

Phone: 303-866-4730

REGULATORY ANALYSIS

(complete each question; answers may take more than the space provided)

1. List of groups impacted by this rule:

Which groups of persons will benefit, bear the burdens or be adversely impacted by this rule?

Individuals with disabilities will benefit because Certified Centers for Independent Living in Colorado will have access to additional funding which will enable them to provide more services to individuals with disabilities leading to the individuals' potential for increased economic securities and community access.

2. Describe the qualitative and quantitative impact:

How will this rule-making impact those groups listed above? How many people will be impacted? What are the short-term and long-term consequences of this rule?

The rule is the final step of the process of implementing S.B. 15-240. The Centers for Independent Living crafted the formula, and have already agreed to the parts of the formula and estimated amounts of General Fund that each Center would receive.

In 2015, the Centers for Independent Living reported providing services for 13,019 separate individuals with disabilities. This number could increase exponentially as the ability to provide services based on the individual funding increases.

3. Fiscal Impact:

For each of the categories listed below explain the distribution of dollars; please identify the costs, revenues, matches or any changes in the distribution of funds even if such change has a total zero effect for any entity that falls within the category. If this rule-making requires one of the categories listed below to devote resources without receiving additional funding, please explain why the rule-making is required and what consultation has occurred with those who will need to devote resources.

<u>State Fiscal Impact (Identify all state agencies with a fiscal impact, including any Colorado Benefits Management System (CBMS) change request costs required to implement this rule change)</u>

The Colorado General Assembly passed S.B. 15-240 which allocated the additional funds to the Centers for Independent Living. The addition to the Center for Independent Living (CIL) funding will be an incremental increase over two years. During State Fiscal Year (SFY) 2016, the base building funds amount will be an additional \$158,500 per CIL for a total increase of \$1,585,000. In addition, S.B. 15-240 calls for an additional \$415,000 to be distributed to the CILs based on the funding formula the CILs are to develop before December 31, 2015. These funds cannot be released to the CILs until the funding formula is written into rule. In SFY 2017, the base building per CIL will be \$600,000 for a total amount of \$6,000,000. There will be an additional available amount for distribution under the funding formula of \$830,000.

County Fiscal Impact

N/A

Rule-making#: 15-11-30-1

Office/Division or Program: Community Access and Independence/ Division of Vocational Rehabilitation Rule Author: Karen Prince

Phone: 303-866-4730

REGULATORY ANALYSIS (continued)

Federal Fiscal Impact

N/A

Other Fiscal Impact (such as providers, local governments, etc.)

N/A

4. Data Description:

List and explain any data, such as studies, federal announcements, or questionnaires, which were relied upon when developing this rule?

N/A

5. Alternatives to this Rule-making:

Describe any alternatives that were seriously considered. Are there any less costly or less intrusive ways to accomplish the purpose(s) of this rule? Explain why the program chose this rule-making rather than taking no action or using another alternative.

There were no alternatives considered as the rule is directed to be enacted under S.B. 15-240.

Rule-making#: 15-11-30-1

Office/Division or Program: Community Access and Independence/ Division of Vocational Rehabilitation Rule Author: Karen Prince

Phone: 303-866-4730

OVERVIEW OF PROPOSED RULE

Compare and/or contrast the content of the current regulation and the proposed change.

Section Numbers	Current Regulation	Proposed Change	<u>Stak</u>	<u>eholde</u>	r Com	<u>ment</u>
9.207.3	New	State allocation for delivery of Independent Living Services		Yes	X	No

Title of Proposed Rule: State Allocation for Delivery of Independent Living Services Pursuant to S.B. 15-240

Rule-making#: 15-11-30-1

Office/Division or Program: Rule Author: Karen Prince

Community Access and Independence/ Division of Vocational Rehabilitation

STAKEHOLDER COMMENT SUMMARY

DEVELOPMENT

The following individuals and/or entities were included in the development of these proposed rules (such as other Program Areas, Legislative Liaison, and Sub-PAC):

Centers for Independent Living crafted the funding formula independently as directed by S.B. 15-240.

THIS RULE-MAKING PACKAGE

The following individuals and/or entities were contacted and informed that this rule-making was proposed for consideration by the State Board of Human Services:

Centers for Independent Living, Statewide Independent Living Council, Division of Vocational Rehabilitation, Colorado Developmental Disabilities Council, and announced on Statewide Independent Living Council website for individuals with disabilities notification

Are other State Agencies (such as Colorado Department of Health Care Policy and Financing) impacted by thes rules? If so, have they been contacted and provided input on the proposed rules?
Yes X No
Have these rules been reviewed by the appropriate Sub-PAC Committee?
Yes X No
Date presented Were there any issues raised? Yes No
If not, why.
Comments were received from stakeholders on the proposed rules:
Yes X No

If "yes" to any of the above questions, summarize and/or attach the feedback received, including requests made by the State Board of Human Services, <u>by specifying the section and including the Department/Office/Division response</u>. Provide proof of agreement or ongoing issues with a letter or public testimony by the stakeholder.

(12 CCR 2513-1)

9.207.3 STATE ALLOCATION FOR DELIVERY OF INDEPENDENT LIVING SERVICES

CERTIFIED CENTERS FOR INDEPENDENT LIVING (CILs) WILL BE ALLOCATED GENERAL FUNDS IN ADDITION TO THEIR BASE AMOUNT OF GENERAL FUNDS IN THE FOLLOWING FORMULA:

- A. ASSIGN EACH COLORADO COUNTY A SCORE WHICH EQUALS: 40% X (COUNTY16-64 DISABILITY POPULATION/STATE 16-64 DISABILITY POPULATION) + 20% X (COUNTY 65+ POPULATION/STATE 65+ POPULATION) + 40% X (COUNTY QUANTILE AVERAGE OF LAND AREA/POPULATION).
- B. MULTIPLY THIS SCORE FOR EACH COUNTY BY THE AVAILABLE FUNDS, AND THEN DIVIDE IT BY 100.
- C. SUM UP ALL THE COUNTY SCORES FROM WITHIN EACH CIL'S CATCHMENT AREA. THE RESULTING FIGURE IS THE AMOUNT WHICH EACH CENTER FOR INDEPENDENT LIVING WILL RECEIVE FROM THE FUNDING FORMULA, EXCEPT THAT ATLANTIS COMMUNITY, MILE HIGH INDEPENDENT LIVING CENTER (MHIL), AND THE CENTER FOR PEOPLE WITH DISABILITIES (CPWD) AGREED TO SPLIT THE COUNTIES THAT THEY SHARE EQUALLY, WITH THE EXCEPTION OF JEFFERSON COUNTY, 50% OF WHOSE FUNDING WILL GO TO CPWD, 25% TO MHIL, AND 25% TO ATLANTIS.

Permanent Rules Adopted

Department

Department of Revenue

Agency

Division of Motor Vehicles

CCR number

1 CCR 204-10

Rule title

1 CCR 204-10 TITLES AND REGISTRATIONS 1 - eff 03/01/2016

Effective date

03/01/2016

DEPARTMENT OF REVENUE

Division of Motor Vehicles – Title and Registration Section 1 CCR 204-10

RULE 9. DEPOT LICENSE PLATES

Basis: The statutory bases for this rule are sections 42-1-204, 42-3-116, and 42-3-301, C.R.S.

Purpose: The following is promulgated to establish criteria for the issuance and use of Depot License Plates.

1.0 Definitions

- 1.1 "Dealer" means a Colorado licensed dealership as defined in Code of Colorado Regulation 1 CCR 204-10 Rule 48. Colorado Dealer License Plates.
- 1.2 "Depot License Plate(s)" also referred to as "Depot Tags" means a numbered license plate issued by the Department that has the stacked "DPT" lettering on the Colorado blue and white graphic license plate.

2.0 Requirements

- 2.1 A Dealer requesting Depot License Plates must complete and submit to the Departmentform DR 2521 Depot Plate Application, together with a copy of the Dealer's license and required fees.
- 2.2 A Dealer can obtain one Depot License Plate per mechanic or service technician employed by the Dealer. Upon application or renewal, the owner or authorized representative of the Dealer must certify the number of mechanics or service technicians currently employed by the Dealer.
- 2.3 Applications, issuance, renewals, and replacements may be conducted via mail (including U.S. Postal Service, FedEx, UPS, DHL, etc.). The Dealer must provide a self-addressed, postage-paid envelope for Depot License Plates if requesting delivery by mail services. Depot License Plates cannot be mailed to a non-Colorado address.
- 2.4 Use of Depot License Plates is limited to the purposes described in section 42-3-116(4)(a), C.R.S.

3.0 Lost or Stolen Depot License Plates

3.1 A Dealer must report lost or stolen Depot License Plates within seventy-two (72) hours to the local law enforcement agency and to the Department using form DR 2283 Lost or Stolen License Plates/Permits Affidavit.

4.0 Surrender of Depot License Plates

4.1 A Dealer whose dealer license is suspended, denied, revoked, or expired, or otherwise ceases to operate must surrender to the Department all Depot License Plates in its possession within seventy-two (72) hours.

4.2	The Department will not refund any portion of the original fees paid when Depot License Plates are surrendered.

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
Chief of Staff

FREDERICK R. YARGER
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Office of the Attorney General

Tracking number: 2015-00757

Opinion of the Attorney General rendered in connection with the rules adopted by the

Division of Motor Vehicles

on 01/20/2016

1 CCR 204-10

TITLES AND REGISTRATIONS

The above-referenced rules were submitted to this office on 01/20/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 28, 2016 15:28:11

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Education

Agency

Colorado State Board of Education

CCR number

1 CCR 301-8

Rule title

1 CCR 301-8 RULES FOR THE ADMINISTRATION OF THE EXCEPTIONAL CHILDREN'S EDUCATIONAL ACT 1 - eff 03/01/2016

Effective date

03/01/2016

DEPARTMENT OF EDUCATION

Colorado State Board of Education

RULES (FOR THE) ADMINISTRATION OF THE EXCEPTIONAL CHILDREN'S EDUCATIONAL ACT

1 CCR 301-8

2220-R-1.00 STATEMENT OF BASIS AND PURPOSE

1.00(1) - 1.00(17) [NO CHANGE]

1.00(18) The statutory authority for the amendments to these Rules is found in Title 22, Article 54, Section 129, which amended the formula for determining applicable revenues for students placed in approved facility schools. The purpose of the amendment is to align these Rules with the statute.

2.00 - 8.08 [NO CHANGE]

2220-R-9.00 OUT OF DISTRICT PLACEMENTS

9.01 DEFINITIONS

9.01(1) " Applicable Revenues " means:

9.01(1)(a) The Per Pupil Revenue (PPR), as follows:

- 9.01(1)(a)(i) The PPR of the chartering school district when a child with a disability enrolls in and attends a charter school pursuant to Article 30.5 of Title 22, C.R.S., not including a charter school that provides an on-line program pursuant to Section 22-33-104.6, C.R.S.;
- 9.01(1)(a)(ii) The PPR of the accounting district, as defined under Section 22-30.5-513 (1)(a), C.R.S., when a child with a disability enrolls in and attends an institute charter school pursuant to Part 5 of Article 30.5 of Title 22, C.R.S.
- 9.01(1)(a)(iii) The PPR of the district of attendance when a child with a disability enrolls in and attends a school in an administrative unit other than the child's administrative unit of residence pursuant to Section 22-36-101, C.R.S., and the school does not provide the child an on-line program and the school is not a charter school;
- 9.01(1)(a)(iv) The PPR of the district of residence when an administrative unit of residence purchases services from another administrative unit for a specific special education program not available in the administrative unit of residence; or
- 9.01(1)(a)(v) The state minimum PPR when a child with a disability enrolls in and attends a public on-line program pursuant to section 22-33-104.6, C.R.S., including an on-line program provided by a charter school.

9.01(1)(b) For three- and four-year old children with disabilities, and for five-year old children with disabilities who are not enrolled in kindergarten, 50 percent PPR shall be considered applicable revenue.

9.01(1)(c) Monies available from federal sources.

9.01(1)(d) Monies received under ECEA.

9.01(1)(e) Monies received from other state agencies.

9.01(1)(f) Monies received from other administrative units, not including tuition.

9.01(1)(g) Monies received through grants and donations.

9.01(1)(h) For a child with a disability placed in an approved facility school, an amount equal to one and seventy-three hundredths (i.e., 173%) of the statewide base per pupil funding for the applicable budget year, pursuant to Section 22-54-129(c) (II), C.R.S.

9.01(2) - 9.01(8) [No Change]

9.02 [NO CHANGE]

9.03 RESPONSIBILITY FOR TUITION COSTS

9.03(1) [No Change]

9.03(2) Type of Tuition Placements

9.03(2)(a) Placement in Approved Facility Schools

- When a child with a disability is placed, by a public agency, into an approved facility school, the district of residence is responsible for paying the educational costs over and above applicable revenues, also known as tuition costs. The administrative unit of residence shall count the child for the December 1 Special Education Count. The tuition costs shall be determined by the Department of Education for each approved facility school in accordance with Section 9.06(1) of these Rules. Such tuition costs shall be the maximum amount the district of residence shall be obligated to pay for the special education program. The district of residence may pay a higher tuition cost than the cost established and approved by the Department of Education for children in need of specialized services, if these services were included in a child's IEP but were not included in the approved tuition cost. The district of residence is not responsible for paying tuition costs for extended school year services for a child unless the child's IEP specifies the need for extended school year services. The Department of Education does not set the amount of tuition costs the administrative unit of attendance may charge the district of residence for children in group homes served by the administrative unit of attendance.
- 9.03(2)(a)(ii) Any court of record, the Department of Human Services, or any other public agency authorized by law to place a child with a disability in a facility with an approved facility school shall notify in writing the child's administrative unit of residence, the administrative unit in which the approved facility school is located and the Department of the placement within fifteen calendar days after the placement. If a court or public agency makes a public placement but fails to

provide the required written notice, such court or public agency shall be responsible for the tuition costs for the child until such time as the required notification is made. If the child's administrative unit of residence does not provide written notice of disapproval of the child's placement in an approved facility school by a court or public agency within fifteen calendar days after the required notification, the placement shall be deemed appropriate. A decision to disapprove a placement must be based solely on the unavailability of appropriate educational services. If the placement is disapproved, the administrative unit of residence must assure that the child receives a free appropriate public education until an appropriate placement can be determined in accordance with Sections 5.04(1) and (2) of these Rules.

- 9.03(2)(a)(ii)(A) If an administrative unit of residence initiates a placement of a child with a disability into an approved facility school for its day treatment or residential program, and the approved facility school also provides the child's educational program, the administrative unit of residence shall count the child on its December 1 Special Education Count. The approved facility school shall count the student on the October 1 Count, bill the Department for one and seventy-three hundredths (i.e., 173%) of the statewide base per pupil revenue, pursuant to Section 22-54-129(c) (II), C.R.S., and the administrative unit of residence shall pay the approved facility school all remaining day treatment or residential costs, as well as any additional educational costs agreed to by the parties.
- 9.03(2)(a)(ii)(B) If an administrative unit of residence places a child with a disability into an approved facility school for the educational program only, the district of residence must count the child on the October 1 Count as being in a private school placement, and the administrative unit of residence shall count the child on its December 1 Special Education Count as being in a private school placement. The approved facility school shall not bill the Department for one and seventy-three hundredths (i.e., 173%) of the statewide base PPR for the child, pursuant to Section 22-54-129(c)(II), C.R.S. Instead the approved facility school shall bill the administrative unit of residence for the total cost of the child's educational program, as agreed to by the approved facility school and the administrative unit of residence.

9.03(2)(b) – (e) [NO CHANGE]

9.04 - 12.08 [NO CHANGE]

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
Chief of Staff

FREDERICK R. YARGER
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Office of the Attorney General

Tracking number: 2015-00765

Opinion of the Attorney General rendered in connection with the rules adopted by the

Colorado State Board of Education

on 01/13/2016

1 CCR 301-8

RULES FOR THE ADMINISTRATION OF THE EXCEPTIONAL CHILDREN'S EDUCATIONAL ACT

The above-referenced rules were submitted to this office on 01/20/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 28, 2016 14:00:39

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Education

Agency

Colorado State Charter School Institute

CCR number

1 CCR 302-1

Rule title

1 CCR 302-1 RULES FOR THE ADMINISTRATION OF THE STATE CHARTER SCHOOL INSTITUTE 1 - eff 03/01/2016

Effective date

03/01/2016

DEPARTMENT OF EDUCATION

Colorado State Charter School Institute

RULES FOR THE ADMINISTRATION OF THE STATE CHARTER SCHOOL INSTITUTE

1 CCR 302-1

[Editor's Notes follow the text of the rules at the end of this CCR Document.]

Statutory Authority: Article IX, Section 1, Colorado Constitution. Sections 22-30.5-503(1)(c), 505(4)(k), 505(5), and 510(1)(b) and (c), CRS.

Rule 1.00 Statement of basis and purpose.

The statutory basis for these Rules adopted October 16, 2012, is found in Sections 22-30.5-503(1)(c), 505(4)(k), 505(5), and 510(1)(b) and (c), CRS.

- 1) Section 22-30.5-505, et. seq., CRS., requires the Institute Board to promulgate Rules for the administration of Part 5, Article 30.5, Title 22, CRS. The purposes of these Rules include, but are not limited to, establishing regulations to:
 - a) set forth procedures for acceptance of Institute Charter School applications.
 - b) identify the criteria and process for evaluating Institute Charter School applications.
 - c) set forth the criteria for approving Institute Charter Schools.
 - d) provide procedures for entering into, renewing, terminating and revoking Institute Charter School contracts.
 - e) specify procedures for monitoring and overseeing Institute Charter Schools.
 - f) state procedures concerning Institute Charter School accountability.
 - g) provide procedures for adoption of content standards by Institute Charter Schools pursuant to Section 22-30.5-505(8), CRS.
 - h) provide for procedures for entering into contracts with a Board of Cooperative Services or with any other qualified individual or private or public entity pursuant to Section 22-30.5-505(6)(a), CRS.

Rule 2.00 Definitions.

- 1) At-risk student. "At-risk student" means a student:
 - a) who is eligible to receive free or reduced-cost lunch pursuant to the provisions of the federal "national school lunch act", 42 USC. Sec. 1751, et seq.; or
 - b) who has performed at the proficiency level of "unsatisfactory" or "Partially Proficient" on a Statewide assessment.

- 2) Board of Cooperative Services. "Board of Cooperative Services" means a Board of Cooperative Services as defined in Section 22-5-103(2), CRS.
- 3) Charter School Institute. "Charter School Institute" means the Charter School Institute created and existing pursuant to Section 22-30.5-501, et seq., CRS.
- 4) Charter School Contract. "Charter School Contract" means the contract between an Institute Charter School and the Charter School Institute.
- 5) Education Management Provider. "Education Management Provider" means a nonprofit, not-for-profit, or for-profit entity that contracts with an Institute Charter School to provide, manage, or oversee all or substantially all of the Educational services provided by the Institute Charter School.
- Existing school. "Existing school" means a school or program within a school that is already in existence, including, but not limited to, a Charter School operating under a contract pursuant to Part 1 of Article 30.5 of Title 22, CRS., with a local Board of Education; an existing non-charter public school, an existing non-public school, or a discrete program that is a Part of one of the forgoing schools.
- 7) Institute Charter School. "Institute Charter School" means a public, nonsectarian, nonreligious, non-home-based school that operates pursuant to a Charter School contract with the Charter School Institute.
- 8) Institute Board. "Institute Board" means the Board of the Charter School Institute appointed pursuant to Section 22-30.5-505, CRS.
- 9) Department. "Department" means the Colorado Department of Education created and existing pursuant to Section 24-1-115, CRS.
- School district. "School district" means a school district organized and existing under the laws of Colorado, except a junior college district pursuant to Section 22-30.5-502(10), CRS; except that, for purposes of Section 22-30.5-513, CRS, "school district" shall have the meaning set forth in Section 22-30.5-513(1)(a), CRS.
- 11) State Board. "State Board" means the Colorado State Board of Education created and existing pursuant to Section 1 of Article IX of the Colorado State constitution.

Rule 3.00 Institute Charter School application procedures.

- 1) Deadline. An Institute Charter School application shall be submitted to the Institute Board by a date determined by the Institute annually and reasonably publicized to interested Parties.
 - a) The deadline for filing an application may be extended in the discretion of the Institute upon written request by the applicant.
 - b) Prior to any change in the application deadline, the Charter School Institute shall notify each known Institute Charter School applicant of the proposed change by certified letter.
- 2) An application may be submitted by one or more individuals (e.g., a Partnership); by a non-profit, governmental, or other entity or organization; or by an existing school.
- 3) An application for an Institute Charter School may not be submitted if the school district within which the Institute Charter School is to be located has retained exclusive authority to authorize Charter Schools pursuant to Part 5, Article 30.5, Title 22, CRS, unless the Board of Education of such school district has approved, by resolution, the establishment of one or more Institute

Charter Schools within its geographic boundaries, has submitted the resolution to the State Board, and has not rescinded the resolution.

- 4) Applications from an existing school.
 - a) Timeline: existing schools wishing to convert to the Charter School Institute must submit an application in the year before the desired conversion according to a timeline that the Institute will promulgate annually with sufficient notice to any interested schools.
 - b) If the existing school is a Charter School approved by a school district:
 - i) the existing school must have consent from its authorizing school district if it is seeking to convert to the Charter School Institute before the end of its current charter contract unless it is in the last year of the current charter contract.
 - ii) the existing school does not need to be non-renewed by its authorizing school district to apply to the Charter School Institute.
 - the existing school may submit a renewal application to the current school district at the same time it submits an application to the Charter School Institute.
 - iv) the existing school is not required to seek consent if its authorizing district does not have exclusive authorization.
- 5) An application may be withdrawn at any time by filing a written request for withdrawal signed by the applicant(s) or authorized representatives of the applicant(s). The withdrawal shall be effective on the date the notice of withdrawal is received by the Institute.
- On or before the date the application is submitted to the Institute Board, the applicant shall provide proof that it has given written notice of the application and provided a complete copy of the application to the Board of Education and the Accountability Committee of the school district in which the proposed Institute Charter School is to be located. If the application is supplemented or amended (including responses to questions raised at any interview of the applicant), on or before the date the amendment or supplement is submitted to the Institute Board, the applicant shall provide proof that a complete copy of the amendment or supplement has been provided to the Board of Education and the Accountability Committee of the School District in which the proposed Institute Charter School is to be located. The Board of Education and the Accountability Committee may each comment on the application to the Institute Board, in writing, within 30 days of receiving notice of the application or of any supplement or amendment.
- 7) Applications for an Institute Charter School shall be in both electronic form and hard copy and in a format published by the Institute.

Rule 4.00 Institute Charter School application contents.

- 1) The Institute Charter School application is a proposed agreement upon which the Institute charter applicant and the Institute negotiate a charter contract. At a minimum, each Institute Charter School application includes:
 - a) an executive summary that outlines the elements of the application and provides an overview of the proposed Institute Charter School;
 - b) the vision and mission statements of the proposed Institute Charter School;

- the goals, objectives, and student performance standards the proposed Institute Charter School expects to achieve, including but not limited to the performance indicators specified in CRS Section 22-11-204 and applicable standards and goals specified in federal law;
- d) evidence that an adequate number of parents and pupils support the formation of an Institute Charter School;
- e) descriptions of the proposed Institute Charter School's Educational program, student performance standards, and curriculum;
- (f) a plan for evaluating student performance across the curriculum, which plan aligns with the proposed Institute Charter School's mission and educational objectives and provides a description of the proposed Institute Charter School's measurable annual targets for the measures used to determine the levels of attainment of the performance indicators specified in CRS Section 22-11-204 and procedures for taking corrective action if student performance at the school falls below the described targets;
- g) evidence that the plan for the proposed Institute Charter School is economically sound, including a proposed budget for a term of at least five years. The Institute charter application shall also describe the method for obtaining an independent annual audit of the proposed Institute Charter School's financial Statements consistent with generally accepted auditing standards and Circular A-133 of the United States Office of Management and Budget, as originally published in the Federal Register of June 30, 1997, and as subsequently amended.
- h) a description of the governance and operation of the proposed Institute Charter School, including the nature and extent of parental, professional educator, and community involvement in the governance and operation of the proposed Institute Charter School, that is consistent with the standards adopted by Rule of the State Board pursuant to CRS Section 22-2-106 (1) (h);
- an explanation of the relationship that will exist between the proposed Institute Charter School and its employees and the proposed Institute Charter School's employment policies;
- a proposal regarding the Parties' respective legal liabilities and applicable insurance coverage, which insurance coverage shall include, at a minimum, workers' compensation, liability insurance, and insurance for the proposed Institute Charter School's facility and its contents;
- k) the proposed Institute Charter School's expectations and plans for ongoing parent and community involvement;
- a description of the proposed Institute Charter School's enrollment policy, consistent with the requirements of CRS Section 22-30.5-507 (3) and Rules adopted by the State Board pursuant to CRS Section 22-2-106 (1) (h), and the criteria for enrollment decisions;
- m) a statement of whether the proposed Institute Charter School plans to address the transportation or food service needs of its students while they are attending the school. The proposed Institute Charter School may choose not to provide transportation or food services, may choose to develop or form a Charter School Collaborative as described in CRS Section 22-30.5-603 to provide transportation or food services, or may choose to negotiate with a school district, Board of Cooperative Services, or private Provider to provide transportation or food services for its students. If the proposed Institute Charter

School chooses to provide transportation or food services, the application shall include a plan for each provided service, which plan, at a minimum, shall specifically address serving the needs of low-income and academically low-achieving students, complying with insurance and liability issues, and complying with any applicable State or federal rules or regulations.

- n) a facilities plan that details viable facilities options that are consistent with CRS Section 22-32-124 and that includes the reasonable costs of the facility, which are reflected in the proposed budget;
- o) a list of the waivers of statute and state rules that the proposed Institute Charter School is requesting, which list explains the rationale for each requested non-automatic waiver and the manner in which the proposed Institute Charter School plans to meet the intent of the waived statute or rule pursuant to CRS Section 22-30.5-509(1)(0);
- policies regarding student discipline, expulsion, and suspension that are consistent with the intent and purpose of CRS Section 22-33-106, provide adequately for the safety of students and staff, and provide a level of due process for students that, at a minimum, complies with the requirements of the federal "Individuals with Disabilities Education Act", 20 USC Sec. 1400 et seq.;
- a plan for serving students with special needs, including budget and staff requirements, which plan shall include identifying and meeting the learning needs of at-risk students, students with disabilities, gifted and talented students, and English language learners;
- r) a dispute resolution process, as provided in CRS Section 22-30.5-107.5; and
- s) if the proposed Institute Charter School intends to contract with an Education Management Provider:
 - a summary of the performance data for all of the schools the Education Management Provider is managing at the time of the application or has managed previously, including documentation of academic achievement and school management success;
 - ii) an explanation of and evidence demonstrating the Education Management Provider's capacity for successful expansion while maintaining quality in the schools it is managing;
 - iii) an explanation of any existing or potential conflicts of interest between the governing Board of the proposed Institute Charter School and the Education Management Provider; and
 - iv) a copy of the actual or proposed performance contract between the governing Board for the proposed Institute Charter School and the Education Management Provider that specifies, at a minimum, the following material terms:
 - a) performance evaluation measures;
 - b) the methods of contract oversight and enforcement that the governing Board will apply;
 - (c) the compensation structure and all fees that the proposed Institute Charter School will pay to the Education Management Provider; and

- d) the conditions for contract renewal and termination.
- 2) If the applicant is an existing school, the application shall contain the information described under Section 1 above in addition to the following information:
 - a) If the existing school is a Charter School, identify each pre-existing obligation of the school to the school district that authorized the Charter School. For all existing schools, identify any contractual obligations to or relationships with other Parties and provide a detailed plan for addressing each such pre-existing obligation or relationship in the context of a conversion to the Institute. The applicant shall acknowledge that the Institute Board's approval of the application shall not relieve the applicant of these pre-existing obligations or relationships.
 - b) An organization chart or other summary showing staffing of the existing school, by year, for the past three years.
 - c) Audited financial statements for the past three years.
 - d) A discussion of the pupil performance standards used at the existing school, a summary of the assessment methods used to measure pupils' performance, and copies of any performance reports issued by the District for the last three years.
 - e) A description of the existing school's educational program in each of the last three years.
 - f) Other planning, performance, and evaluation reports and information to the extent they are available, as determined by the Institute.

Rule 5.00 Institute Charter School application review process and criteria.

- 1) It is the intent of the Institute Board that all Institute Charter School applications address how the proposed school will be among the highest-performing schools in academic achievement.
- 2) An application is considered filed when the Institute receives the Institute charter application from the Institute charter applicant either in hard copy or electronically.
- Within fifteen days after receiving an Institute Charter School application, the Institute shall determine whether the application contains the minimum components specified in Section 22-30.5-509 (1) and is therefore complete. If the application is not complete, the Institute shall notify the applicant within the fifteen-day period and provide a list of the information required to complete the Institute charter application. The applicant has fifteen days after the date it receives the notice to provide the required information to the Institute for review. The Institute is not required to take action on the Institute charter application if the applicant does not provide the required information within the fifteen-day period. The Institute may request additional information during the review period and provide reasonable time for the applicant to respond. The Institute may, but is not required to, accept any additional information the applicant provides that the Institute does not request.
- 4) The Institute's review of applications shall include, but is not limited to, the following key evaluative areas:
 - a) The number of at-risk students that the applicant school anticipates serving, both as an absolute number and as a percentage of the entire student body expected to enroll at the applicant school;

- b) Curriculum and instructional program;
- c) Non-academic program characteristics;
- d) Financial viability;
- e) Appropriate governance model and proposed practices;
- f) Appropriate, consistent, clear, and measurable accountability systems;
- g) The extent to which the instructional program fits the mission statement of the applicant school;
- h) Whether the applicant school will provide an Educational option that substantially differs from the Educational opportunities provided by existing schools of the school district that have capacity to accommodate additional students;
- The applicant school's plan for outreach and recruitment of students whose race, gender and ethnicity reflect the demographics of the community that the applicant school intends to serve; and
- j) The applicant school's plan for identifying and reducing the academic achievement gaps among its student population.
- Once the Institute has completed an initial review of the Institute Charter School application, the Institute may ask for supplemental information, including but not limited to, interviews with the applicant school's leadership, founding Board members, administrators, teachers, and representatives of companies partnering or assisting in the development of the applicant school. The Institute will focus on approving only those Charter School applications that have a high likelihood of success, especially in regard to academics and financial operations.
- The Institute Board shall rule by resolution on an application for authorization of an Institute Charter School, either new or existing, in a public hearing, following reasonable public notice, within ninety (90) days of receipt of a complete application, unless the Institute and the applicant school mutually agree in writing to a longer period of time. Before making its decision, the Institute Board shall give the applicant and members of the public reasonable opportunity to be heard.
- 7) If the application is denied, the Institute Board shall advise the applicant, in writing, of the reason(s) for the denial. Within thirty (30) days of the date of the denial, the applicant may submit to the State Board a notice of appeal stating the grounds for the appeal.
- 8) If the application is approved or approved with conditions, the Institute Board shall advise the applicant in writing.
- 9) After the Institute Board has approved an application, the applicant shall progress through a checklist of criteria or milestones that must be met before opening the Institute Charter School. The timeline for completing the checklist shall be mutually agreed between the Institute and the applicant school. Completion of the checklist, however, is required before the Institute Charter School may begin serving students.
- 10) The Institute Board and the school applicant may jointly waive any of the deadlines in this Rule 5 by mutual agreement in writing.

Rule 6.00 Institute Charter School contract

- 1) If a proposed Institute Charter School is approved by the Institute Board, the applicant school and the Institute Board shall negotiate a Charter School contract. The Institute Board and the Institute Charter School shall conclude negotiations and agree upon all terms of the Charter School contract within forty-five (45) days of the date the Institute Board approves the Institute Charter School.
- 2) The approved Institute Charter School application shall serve as the basis of the contract between the Institute Charter School and the Charter School Institute.
- 3) The Institute may approve a new charter contract for an Institute Charter School for a period of four academic years, and the Institute may renew the charter contract for succeeding periods not to exceed five academic years.
- 4) Any material change to the terms of the Charter School contract may be made only with the written approval of the Institute Board and the governing body of the Institute Charter School.
- 5) The terms of the Charter School contract must include, but are not limited to:
 - a) A statement of each state law or rule or Institute Board policy for which a waiver is requested from the State Board or the Institute Board.
 - b) An agreement as to the services, other than necessary administration, oversight, and management services, to be provided to the Institute Charter School by any third party with which the Institute Charter School or the Charter School Institute contracts, including, for each such service:
 - i) the nature of the service.
 - ii) the anticipated vendor of the service.
 - iii) the cost of the service.
 - c) The minimum enrollment of the Institute Charter School for financial viability.
 - d) The finances required for contracted services for the Institute Charter School, including the source and application of funds.

Rule 7.00 Institute Charter School Oversight and Monitoring.

- The Charter School Institute will accredit each individual Institute Charter School based on the Charter School Institute's accreditation contract with the State Board.
- During the term of a charter contract, the Institute shall annually review the Institute Charter School's performance. At a minimum, the review includes the Institute Charter School's progress in meeting the objectives identified in the plan the Institute Charter School is required to implement pursuant to Section 22-11-210 and the results of the Institute Charter School's most recent annual financial audit. The Institute shall provide to the Institute Charter School written feedback from the review and shall include the results of the Institute Charter School's annual review in the body of evidence that the Institute Board takes into account in deciding whether to renew or revoke the charter contract and that supports the renegotiation of the charter contract.
- 3) The Institute shall adopt and revise as necessary procedures and timelines for the charterrenewal process, which procedures and timelines are in conformance with the requirements of Part 5 of Article 22, Section 30.5, CRS. The Institute shall ensure that each of the Institute

Charter Schools receives a copy of the Institute's charter renewal procedures and timelines and any revisions to the procedures and timelines.

Rule 8.00 Accountability Reporting.

Each Institute Charter School shall be responsible for gathering and submitting to the Charter School Institute the data necessary to prepare a school performance report required by Section 22-11-503, CRS, for the Institute Charter School. The data shall be in the format required by Section 22-11-503, CRS, and, whenever possible, using the State data reporting system described in Section 22-11-501, CRS, and other data as required by the Charter School Institute and the Colorado Department of Education. This data shall be submitted to the Institute in accordance with a timeline established by the Institute.

Rule 9.00 Institute Charter School Content Standards.

- 1) Each Institute Charter School shall adopt content standards which meet or exceed the preschool through elementary and postsecondary education standards adopted pursuant to Section 22-7-1005, CRS, as amended.
- Content standards may be adopted for each grade level or may be adopted for groupings of grade levels.
- 3) In adopting content standards, each Institute Charter School may seek input from educators, parents, students, business persons, and members of the general community who are representative of the cultural diversity at the Institute Charter School. In any event, however, the Institute Charter School's standards shall align with content standards adopted by the Colorado department of Education.
- 4) Following adoption of content standards pursuant to this Section, each Institute Charter School shall develop a plan for:
 - a) Revising curriculum and programs of instruction to align them with adopted content standards and to ensure that each student will have the Educational experiences needed to achieve the adopted content standards.
 - b) Selecting or developing and administering assessments that will adequately measure each student's progress toward and achievement of the adopted content standards for the subject areas that are not tested by the State pursuant to Section 22-7-1006.3, CRS, including specification of an acceptable performance level. Such performance level shall be reexamined not less than yearly.
 - c) Addressing the different learning styles and needs of students of various backgrounds and abilities and eliminating barriers to equity which may exist within the Institute Charter School.
 - d) Providing professional educator development in standards-based Education.
- 5) The plan adopted by the Institute Charter School pursuant to this Section shall specifically address the education of exceptional students. In addition, such plan shall adopt timelines for the implementation of standards-based education pursuant to CRS 22-7-1001, et seq., as amended.
- Following adoption of content standards pursuant to this Section, each Institute Charter School shall review and revise such content standards as necessary, but at least in 2017 and every 6 years thereafter to promote the highest student achievement pursuant to Section 22-7-1013(5), CRS. In revising such content standards, each Institute Charter School shall seek recommendations from and shall work in cooperation with educators, parents, students, business

- persons, and members of the general community who are representative of the cultural diversity of the Institute Charter School.
- 7) Any individual education program which is developed for a student with disabilities pursuant to CRS 22-20-108(4), et seq. shall specify whether such student shall achieve the Institute Charter School's adopted standards or whether such student shall achieve individualized standards which would indicate the student has met the requirements of such student's Individual Education Program.

Rule 10.00 Revocation of the Charter School contract.

- 1) The Institute may revoke a charter school contract pursuant to C.R.S. § 22-30.5-511 and this Rule 10.00.
- 2) Grounds for Revocation: The Institute Board ("Board") may revoke a Charter School Contract ("Contract") if the Board determines that an Institute Charter School ("School") did any of the following:
 - a) Committed a material violation of any of the conditions, standards, or procedures set forth in the Contract;
 - b) Failed to meet or make adequate progress toward achievement of the content standards, pupil performance standards, or targets for the measures used to determine the levels of attainment of the performance indicators identified in the Contract;
 - c) Was required to adopt a turnaround plan and the State Board recommended pursuant to C.R.S. § 22-11-210 that the School be restructured;
 - d) Failed to meet generally accepted standards of fiscal management; or
 - e) Violated any provision of law from which the School was not specifically exempted.
 - f) If a School is required to implement a turnaround plan pursuant to C.R.S. § 22-11-210 (2) for a second consecutive school year, the School shall present to the Board, in addition to the turnaround plan, a summary of the changes made by the School to improve its performance, the progress made in implementing the changes, and evidence, as requested by the Board, that the School is making sufficient improvement to attain a higher accreditation category within two school years or sooner. If the Board finds that the School's evidence of improvement is not sufficient or if the School is required to implement a turnaround plan for a third consecutive school year, the Board may revoke the School's Contract.

3) Notice of Intent to Revoke

- a) The Charter School Institute Executive Director ("Executive Director"), upon reasonable belief that grounds for revocation of the Contract exist, shall notify by certified mail or electronic equivalent the governing body of the School by issuing a Notice of Intent to Revoke.
 - i. The Notice of Intent to Revoke shall set forth the grounds for the proposed revocation.
- b) Within thirty (30) days of receipt of the Notice of Intent to Revoke, the governing body of the School shall respond in writing.

- i. If the School admits the accuracy of the grounds of revocation, the response must contain a description of the School's plan and timeline for correcting the deficiencies ("Plan of Correction").
- ii. If the School denies the accuracy of the grounds of revocation, the response shall include sufficient evidence to support its position.
- iii. If the School does not respond by the deadline, the accuracy of the grounds of revocation shall be deemed admitted.
- c) In addition to responding in writing, School representatives may also choose to meet with the Executive Director or his/her designee.
 - i. This meeting must also occur within thirty (30) days of receipt of the Notice of Intent to Revoke.
 - ii. This meeting may occur in person, by phone, by video or any other means mutually agreed upon between the School and the Institute.
- d) Within fourteen (14) days of receipt of the School's written response, the Executive Director shall decide whether to withdraw the Notice of Intent to Revoke or proceed with a revocation hearing.
- e) The Executive Director may withdraw the Notice of Intent to Revoke if he/she determines:
 - i) The School's Plan of Correction is reasonable and likely to correct the identified deficiencies within an acceptable amount of time;
 - ii) The School's response addressed the perceived deficiencies in the Notice of Intent to Revoke in a satisfactory manner; or
 - iii) There is any other good reason to do so.

4) Revocation Hearing

- a) The Executive Director shall initiate a revocation hearing before the Board if he/she determines that, after proceeding through the Notice of Intent to Revoke process, grounds for revocation of the Contract exist.
- The Executive Director shall send a notice of the revocation hearing to the Board and School.
 - i. The notice of revocation hearing shall state the grounds for revocation as well as a written recommendation, including reasons supporting the recommendation, concerning whether to revoke the Contract. See C.R.S. § 22-30.5-511(5)(a) (stating requirement of written recommendation).
 - ii. The notice shall also state when and where the hearing shall occur.
- c) Within thirty (30) days of receipt of a notice of revocation hearing, the Board shall convene a revocation hearing.
- d) Within fourteen (14) days of receipt of the notice of revocation hearing, the School shall provide a written position statement to the Board and Executive Director.

- i. The School's position statement should respond as fully as possible to the grounds for revocation and recommendation identified in the notice of revocation hearing.
- ii. The School should include with its position statement exhibits, affidavits, and any other evidence it wants the Board to consider.
- e) Within fourteen (14) days of receipt of the School's position statement, the Executive Director may provide to the Board and the School a written reply, which may include documentation to support its reply.
 - i. The reply may not raise new grounds for revocation.
- f) At the revocation hearing, the Executive Director or his/her designee and the School or its designee shall each have thirty minutes to make their presentation to the Board, during which time Board members may question the parties.
- g) After the parties' presentations, Board members may discuss among themselves whether to revoke the Contract. This discussion shall take place in open session and in compliance with the Open Meetings Law.
- h) The Board shall decide whether to revoke the Contract by resolution, and a copy of the resolution shall be provided to the School's governing Board, the Executive Director, and the State Board.
 - i. The resolution shall state the Board's reasons for the revocation.
 - ii. The resolution shall also state the effective date of the revocation, recognizing that the State Board may review the Board's decision to revoke.
- 5) Any decision to revoke a Contract may be reviewed by the State Board pursuant to C.R.S. § 22-30.5-511(6).
 - a) If the School wishes to appeal the revocation, it shall provide the Board and the State Board with a notice of appeal within thirty (30) days after the Board's decision to revoke.
- Notwithstanding any other provision of a Contract, monies remaining in the School's accounts upon revocation of the Contract revert to the Institute, unless there are specific instructions from a donor for disposing of a gift. See C.R.S. § 22-30.5-513.5(9)(b)(6)(b).
- 7) Notwithstanding the above procedures for revocation, if the Executive Director determines that emergency action to revoke a School contract is necessary to protect the safety of students or to preserve the school's funds and/or property, the Board may convene a revocation hearing.
 - a) An emergency revocation hearing shall be commenced at least 15 days after written notice to the School by the Executive Director of the circumstances justifying emergency revocation.
 - b) The procedure at the hearing shall be as provided in Rule 10.6 above, except that each side shall provide its written position Statement to the other Party no later than 24 hours before the hearing.

Rule 11.00 Termination of the Charter School Contract by Institute Charter School.

- 1) The Institute Charter School governing body, by a majority vote, may, at any time and for any reason, request termination of the Charter School contract as follows:
 - a) The Institute Charter School's request for termination shall be made to the Charter School Institute Executive Director not less than ten (10) calendar months in advance of the Institute Charter School's proposed effective date of termination.
 - b) Upon receipt of the Institute Charter School's request for termination, the Charter School Institute Executive Director shall present the request for termination to the Institute Board. a copy of the Institute Charter School's resolution approving the contract termination, including a summary of the reasons for terminating the contract, shall be included with the Institute Charter School's request for termination.
 - c) At the Institute Board's next regularly scheduled meeting, the Board will consider and vote on the proposed termination request. The Institute Board may, in its sole direction, waive the ten (10) month advance notice requirement for terminating the contract.
 - d) The Institute shall adopt procedures for closing an Institute Charter School following revocation or nonrenewal of the Institute Charter School's charter contract.at a minimum, the procedures shall ensure that:
 - (a) when practicable and in the best interest of the students of the Institute Charter School, the Institute Charter School continues to operate through the end of the school year. if the Institute determines it is necessary to close the Institute Charter School prior to the end of the school year, the Institute shall work with the Institute Charter School to determine an earlier closure date.
 - (b) the Institute works with the parents of the students who are enrolled in the Institute Charter School when the charter contract is revoked or not renewed to ensure that the students are enrolled in schools that meet their Educational needs; and
 - (c) the Institute Charter School meets its financial, legal, and reporting obligations during the period that the Institute Charter School is concluding operations.

Rule 12.00 Renewal of the Charter School Contract.

- The governing body of an Institute Charter School shall submit a renewal application in the year before the Charter School contract expires, according to a timeline that the Institute will promulgate annually with sufficient notice to schools. The application shall include but not be limited to the following information:
 - a) A complete, detailed report on the progress of the Institute Charter School in implementing the plans and in achieving the goals, objectives, student performance standards, content standards and other objectives set forth in its application.
 - b) If the Institute Charter School is requesting a term longer than five years for the purpose of enhancing the terms of any lease or financial obligation, it shall identify each such lease and/or obligation and state the enhancement to be obtained through the longer term.
- 2) The Institute Board shall act on the application for renewal within seventy-five (75) days of the receipt of the completed renewal application, unless extended by mutual consent in writing.

- 3) A Charter School contract shall not be renewed for more than five years unless the Institute Board and the Institute Charter School jointly agree to extend the charter for a longer period for the purpose of enhancing the terms of any lease or financial obligation.
- 4) The Institute Board shall hold a hearing on the renewal application, after reasonable notice, at which the applicant and the public shall be given reasonable notice to be heard. The Institute Board shall Rule by resolution on the application within seventy-five (75) days of receipt of the completed renewal application.
- 5) The grounds for non-renewal are the same as the grounds for revocation set forth in Rule 10.1 above. In addition, the Institute Board may deny renewal on the grounds that it is not in the best interests of the pupils attending the Institute Charter School to continue operation of the Institute Charter School.
- At least fifteen days prior to the date on which the Institute Board will consider whether to revoke or renew a charter contract, the Institute shall provide to the Institute Board and the Institute Charter School a written recommendation, including the reasons supporting the recommendation, concerning whether to revoke or renew the charter contract.
- 7) If the Institute Board denies the application for renewal, the governing body of the Institute Charter School may appeal the decision to the State Board by giving both the State Board and the Institute Board a notice of appeal within thirty (30) days of the date of the decision of the Institute Board not to renew the Charter School contract.
- 8) The Institute shall adopt procedures for closing an Institute Charter School following revocation or nonrenewal of the Institute Charter School's charter contract. At a minimum, the procedures shall ensure that:
 - a) When practicable and in the best interest of the students of the Institute Charter School, the Institute Charter School continues to operate through the end of the school year. If the Institute determines it is necessary to close the Institute Charter School prior to the end of the school year, the institute shall work with the Institute Charter School to determine an earlier closure date.
 - b) The Institute works with the parents of the students who are enrolled in the Institute charter School when the charter contract is revoked or not renewed to ensure that the students are enrolled in schools that meet their educational needs; and
 - c) The Institute Charter School meets its financial, legal, and reporting obligations during the period that the Institute Charter School is concluding operations.

Rule 13.00 Institute Contracts with a Board of Cooperative Services or Otherwise Qualified Individual or Private or Public Entity.

- The Institute Board may contract with a Board of cooperative services, or with any other qualified individual or public or private entity or organization, including a school district, for the provision of administrative or other support services directly to the Institute or for the benefit of Institute Charter Schools.
- 2) Contracts pursuant to this Section shall be in accordance with Colorado laws, Rules, and policies, including, but not limited to, the Colorado fiscal Rules (1 CCR 101-1) and the Colorado procurement Rules (1 CCR 101-9).

- 3) The qualifications of Boards of cooperative services, individuals, or private or public entities shall be determined by the Institute Board during the selection process for the particular contract at issue.
- 4) Each contract entered shall have appropriate liquidated damages and/or penalties for failing to comply with the terms and conditions of the contract.

Editor's Notes

History

Rule 3 emer. rule eff. 07/09/2007.

Rule 3 eff. 09/30/2007.

Entire emer. rule eff. 07/19/2011; expired eff. 11/16/2011.

Entire rule eff. 12/31/2011.

Rules 1.00, 1.00.1.f, 2.00.1.b, 2.00.5 - 2.00.11, 3.00.4.a, 3.00.4.b.i, 4.00, 5.00.2 - 5.00.3, 5.00.6, 5.00.9, 6.00.3, 7.00.2 - 7.00.3, 9.00.1, 10.00.1.b, 10.00.1.f - g, 10.00.2.f, 10.00.6, 11.00.1.d, 12.00.6, 12.00.8 eff. 03/15/2013.

Rule 10.00 eff. 01/31/2015.

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Office of the Attorney General

Tracking number: 2015-00821

Opinion of the Attorney General rendered in connection with the rules adopted by the

Colorado State Charter School Institute

on 01/12/2016

1 CCR 302-1

RULES FOR THE ADMINISTRATION OF THE STATE CHARTER SCHOOL INSTITUTE

The above-referenced rules were submitted to this office on 01/14/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 28, 2016 14:03:26

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Natural Resources

Agency

Colorado Parks and Wildlife (405 Series, Parks)

CCR number

2 CCR 405-1

Rule title

2 CCR 405-1 CHAPTER P-1 - PARKS AND OUTDOOR RECREATION LANDS 1 - eff 03/01/2016

Effective date

03/01/2016

FINAL REGULATIONS - CHAPTER P-1 - PARKS AND OUTDOOR RECREATION LANDS

ARTICLE I - GENERAL PROVISIONS RELATING TO PARKS AND OUTDOOR RECREATION LANDS AND WATERS

100 - PARKS AND OUTDOOR RECREATION LANDS

- a. "Parks and Outdoor Recreation Lands" shall mean, whenever used throughout these regulations, all parks and outdoor recreation lands and waters under the administration and jurisdiction of the Division of Parks and Wildlife.
- b. "Wearable Personal Flotation Device" shall mean a U.S. Coast Guard approved personal flotation device that is intended to be worn or otherwise attached to the body. A personal flotation device labeled or marked as Type I, II, III, or V (with Type I, II, or III performance) is considered a wearable personal flotation device as set forth in the Code of Federal Regulations, Title 33, Parts 175 and 181(2014).

c. It shall be prohibited:

- 1. To enter, use or occupy Parks and Outdoor Recreation Lands when same are posted against such entry, use or occupancy. (Access to Parks and Outdoor Recreation lands and waters is generally allowed between 5:00 a.m. and 10:00 p.m. daily. Restricted access generally will be allowed during other hours for camping and fishing.)
- 2. To remove, destroy, mutilate, modify or deface any structure, water control device, poster, notice, sign or marker, tree, shrub or other plant or vegetation, including dead timber and forest litter, or any object of archaeological, geological, historical, zoological or natural/environmental value or interest on Parks and Outdoor Recreation Lands. (This regulation does not include removal of firewood from designated firewood areas, noxious weeds as defined by statute, or recreational gold mining within the Arkansas Headwaters Recreation Area, except where prohibited as indicated by posted signs.)
- 3. To remove, destroy or harass any wildlife or livestock on Parks and Outdoor Recreation Lands. (Hunting will be allowed in areas designated by the Division during hunting seasons.)

CAMPING

- 4. To camp or to park a motor vehicle, trailer or camper on Parks and Outdoor Recreation Lands with the intention (or for the purpose) of camping other than on areas designated for camping; or to leave a set-up camp, motor vehicle, trailer or camper unattended for more than twenty-four (24) hours, unless otherwise posted.
 - (a) No person may camp or park a motor vehicle, trailer or camper on a state park for more than fourteen (14) days in any forty-five (45) day period, except that extensions totaling no more than a maximum of fourteen (14) additional days may be permitted.

LITTERING

5. To leave fish or fish entrails or debris in or on the ice-covered or open waters of lakes, reservoirs or streams located within Parks and Outdoor Recreation Lands.

6. To leave any residentially or commercially generated garbage or trash or any other litter generated outside a park or recreation area anywhere within a park or recreation area.

FIRES

- 7. To build or tend fires within Parks and Outdoor Recreation Lands, except in fully enclosed vehicles; or in designated sites in Division-furnished grills or fireplaces; or in hibachis, charcoal grills, stoves and other metal containers, unless otherwise prohibited by these regulations.
- 8. To allow a fire to burn in a careless manner; to leave any fire unattended; or to fail to completely extinguish any fire on Parks and Outdoor Recreation Lands.
- 9. To discharge or use fireworks of any kind or nature within Parks and Outdoor Recreation Lands (except special displays approved by the Director; subject to provisions of local political subdivision regulations).

COMMERCIAL USE

- 10. To use Parks and Outdoor Recreation Lands for a commercial purpose, except:
 - (a) Special resource use which shall be authorized by the Commission on a case-bycase basis at a public meeting of the Commission (i.e., mining, timber cutting, grazing, haying, and other similar uses.)
 - (b) Uses authorized pursuant to concession contracts issued in accordance with state procurement and fiscal rules; or
 - (c) Pursuant to a cooperative agreement with the Division.

Commercial use which conflicts with area management plans will not be approved.

BOAT DOCKS

11. To fish from boat ramps or boat docks located within Parks and Outdoor Recreation Lands or to otherwise use such ramps or docks in a manner contrary to the intended use.

GLASSWARE

12. For any person to carry or possess any glassware within the confines of a public swimming area, bathing area or designated water skiing beach.

NIGHT ACTIVITY

To occupy a parking site with a motorized vehicle between the hours of 10:00 p.m. and 5:00 a.m., unless such person and all other occupants arriving in such vehicle are actively engaged in fishing or boating.

SWIM BEACH

- 14. For any person:
 - (a) To swim or bathe in any Parks and Outdoor Recreation waters, except in areas designated for such use.

- (b) To build or tend any kind of fire on any swim beach.
- (c) To fish from any swim beach.
- (d) To allow any child under the age of 12 years to be on a swim beach unless accompanied by an adult.
- (e) Definitions as used in this regulation, unless the context requires otherwise:
 - (1) "Swim Beach" For the purpose of this regulation, "swim beach" means a portion of a natural or impounded body of water designated for swimming, recreational bathing or wading.

AIRCRAFT

15. To land or take off with any type of aircraft on any Parks and Outdoor Recreation lands and waters, except as specifically authorized by these regulations or in case of emergency. "Aircraft" means any device or equipment that is used or intended to be used for manned flight or to otherwise hold humans aloft for any period of time, including powerless flight, and specifically includes, but is not limited to, airplanes, helicopters, gliders, hot air balloons, hang gliders, parachutes, parasails, kite boards, kite tubes, zip lines and other similar devices or equipment.

ANIMALS/PETS

- 16. To allow any dog or other pet on Parks and Outdoor Recreation Lands, unless the same shall be under control and on a leash not exceeding six (6) feet in length. This requirement for dogs or other pets to be on a six foot leash shall not apply when the animal is confined in a vehicle or vessel or within the boundaries of the designated dog off leash area at Chatfield State Park or the designated dog off leash area at Cherry Creek State Park. Further, it shall be unlawful to allow a dog or other pet within any area used as a swimming or water-ski beach. Any person having a dog or other pet creating a nuisance or disturbance or who fails to properly control a dog or other pet may be evicted from the park or recreation area. This provision shall not apply to dogs while being used in hunting, field trials, or while being trained on lands open to such use.
- 17. To bring horses, mules, donkeys or burros into or allow same on Parks and Outdoor Recreation Lands, except on areas or trails designated for such use.
- 18. To turn livestock onto or allow grazing on Parks and Outdoor Recreation Lands without permission from the Commission.
- 19. For any handler of any dog to fail to immediately collect, remove, and properly dispose of all dog or pet feces from, or near, any developed park sites including campgrounds, picnic area, dog training areas, and designated trails.

DUMP STATIONS/OTHER UTILITIES

20. To empty wastewater holding tanks, fill water holding tanks or otherwise use any parks and outdoor recreation dump station or utility without a valid park pass and valid camping permit or camping reservation.

- d. The following water and land-use restrictions are in consideration of the Division's leases with the Denver Water Department and the City of Aurora and shall apply to Eleven Mile State Recreation Area and Spinney Mountain State Recreation Area, located in Park County:
 - 1. It shall be unlawful, except by law enforcement officers on official duty, to operate or park snowmobiles on land or on the frozen water surface of the reservoir, unless otherwise posted at the park entrances. (Eleven Mile S.R.A. and Spinney Mountain S.R.A.)
 - 2. It shall be unlawful to operate or occupy boats on the surface of the reservoir from one-half hour after sunset until one-half hour before sunrise. (Eleven Mile S.R.A. and Spinney Mountain S.R.A.)
 - 3. It shall be unlawful to enter upon, use or occupy the islands on the reservoir. (Eleven Mile S.R.A. and Spinney Mountain S.R.A.)
 - 4. It shall be unlawful to enter, use or occupy the lands or waters of Eleven Mile State Recreation Area lying to the east of the restrictive buoy line. (Eleven Mile S.R.A.)
 - 5. It shall be unlawful to enter, use or occupy the lands or waters of Spinney Mountain State Recreation Area between November 16 and April 30, unless the reservoir is ice-free and the area is otherwise posted as open for public use. (Spinney Mountain S.R.A.)
 - 6. It shall be unlawful to enter, use or occupy the lands or waters of Spinney Mountain State Recreation Area between the hours of one hour after sunset and one-half hour before sunrise, or as otherwise posted. (Spinney Mountain S.R.A.)

BEARS

e. Where necessary to prevent or address bear/human interactions or related issues, the park manager may designate all or a portion of any state park where: food, trash and equipment used to cook or store food must be kept sealed in a hard-sided vehicle, in a camping unit that is constructed of solid, non-pliable material, or in a food storage box provided by the park for those persons entering the park in something other than a hard-sided vehicle or appropriate camping unit. This restriction does not apply to food that is being transported, consumed, or prepared for consumption. A hard-sided vehicle is defined as: the trunk of an automobile, the cab of a pickup truck, the interior of a motor home, fifth wheel, camping trailer or pickup camper. A hard-sided vehicle does not include any type of tent, pop-up campers or pickup campers with nylon, canvas, or other pliable materials, car top carriers or camper shells on the back of pickup trucks.

PARK-SPECIFIC RESTRICTIONS

f. In addition to the general land and water regulations, the following restrictions shall also apply:

1. Barr Lake State Park

- (a) No dogs or other pets shall be permitted in the wildlife refuge area.
- (b) Visitors shall be required to remain on designated trails and boardwalks in the wildlife refuge area.
- (c) No fishing or boating shall be permitted in the wildlife refuge area.
- (d) Visitors shall be required to remain on the designated trails on Barr Lake Dam.
- (e) No horses shall be permitted on the Barr Lake Dam.

2. Highline Canal State Trail

- (a) No swimming, tubing or rafting shall be permitted.
- (b) No fires shall be permitted.

3. Roxborough State Park

- (a) No dogs or other pets shall be permitted.
- (b) No fires shall be permitted.
- (c) It shall be unlawful to climb, traverse or rappel on or from rock formations.

4. Chatfield State Recreation Area

(a) A valid permit is required to launch or land any hot-air balloon.

5. Harvey Gap State Recreation Area

(a) No dogs or other pets shall be permitted except when used for hunting during the period beginning the Tuesday after Labor Day and continuing through the Friday prior to Memorial Day.

6. Bonny State Recreation Area

(a) No public access, hunting, fishing or boating shall be permitted in the North Cove Waterfowl Refuge Area from the first day in November through the last day in January.

7. Mueller State Park and Wildlife Area

- (a) No dogs or other pets shall be permitted outside of the developed facilities area.
- (b) It shall be unlawful, except by law enforcement officers on official duty, to operate snowmobiles.

8. James M. Robb - Colorado River State Park - Colorado River Wildlife Area

- (a) In accordance with applicable management plans, no dogs or other pets shall be permitted, except on designated trails.
- (b) No fires shall be permitted.
- (c) No swimming shall be permitted.
- (d) In accordance with applicable management plans, public access is restricted to designated roads and trails from March 15 to May 30 of each year.

9. Ridgway State Park

(a) No boats, rafts, or other floating devices shall be permitted on any waters within the Pa-Co-Chu-Puk Recreation Site, below Ridgway Dam.

10. Arkansas Headwaters Recreation Area

- (a) Except in established campgrounds where toilet facilities are provided, all overnight campers must provide and use a portable toilet device capable of carrying human waste out of the Arkansas Headwaters Recreation Area. Contents of the portable toilet must be emptied in compliance with law and may not be deposited within the Arkansas Headwaters Recreation Area, unless at a facility specifically designated by the Arkansas Headwaters Recreation Area.
- (b) Building or tending fires is allowed pursuant to regulation # 100b.7., except at the Arkansas Headwaters Recreation Area fire containers must have at least a two inch rigid side. Fire containers must be elevated up off the ground.
- (c) Swimming is permitted in the Arkansas River from the confluence of the East Fork/Lake Fork of the Arkansas within the boundaries of the Arkansas Headwaters Recreation Area. All persons under the age of 13 swimming in the Arkansas River within the Arkansas Headwaters Recreation Area must wear a properly fitting U.S. Coast Guard approved wearable personal flotation device.

11. John Martin Reservoir State Recreation Area

(a) No public access shall be permitted on the north shore area of John Martin Reservoir State Recreation Area from the first day of November through March 15 of every year or as posted except to retrieve downed waterfowl.

12. Cheyenne Mountain State Park

- (a) No dogs or other pets shall be permitted outside of the developed facilities area.
- (b) Smoking shall be limited to developed areas only and shall not be permitted in the backcountry, or on the archery range, parking lot or trail system.
- (c) Hunting shall be prohibited.
- (d) It shall be unlawful to climb, traverse or rappel on or from rock formations.
- (e) Any person 17 years of age or older who is shooting on the field/3D portion of the archery range must obtain and maintain on one's person a proper and valid daily or annual Cheyenne Mountain Park archery range individual permit.
- (f) Public access is prohibited on the archery range from sunset to sunrise.
- (g) Any person 16 years of age or younger entering the archery range must be under adult supervision at all times.
- (h) Broadheads, crossbows, alcoholic beverages, and firearms, including, but not limited to, BB guns, pellet guns, and air rifles, are prohibited on the archery range.
- (i) No dogs or other pets shall be permitted on the archery range.

13. Castlewood Canyon State Park

- (a) No dogs or other pets shall be permitted in the East Canyon area.
- (b) No horses shall be permitted in the east canyon area.
- (c) It shall be unlawful to climb, traverse, or rappel, on or from rock formations in the East Canyon area.
- (d) Visitors shall be required to remain on the designated trails in the East Canyon area.

14. Rifle Falls State Park

(a) It shall be unlawful to climb, traverse, or rappel on or from rock formations.

15. Chatfield State Park

- (a) Entrance to and exit from the dog off leash areas are permitted only at designated access points.
- (b) A handler may bring a maximum of three dogs at one time into the designated dog off leash area.
- (c) Handlers must possess a leash and at least one waste bag for each dog in the designated dog off leash area.
- (d) Sport dog trainers shall obtain a special use permit to access and use the designated upland and flat-water sport dog training areas.
- (e) Handlers in the dog off leash area and the sport dog training areas must have a visible and valid dog off leash annual pass or dog off leash daily pass.

16. Cherry Creek State Park

- (a) Entrance to and exit from the dog off leash areas is permitted only at designated access points.
- (b) A handler may bring a maximum of three dogs at one time into the designated dog off leash area.
- (c) Handlers must possess a leash and at least one waste bag for each dog in the designated dog off leash area.
- (d) Sport dog trainers shall obtain a special use permit to access and use the designated upland sport dog training area.
- (e) Handlers in the dog off leash area and the sport dog training area must have a visible and valid dog off leash annual pass or dog off leash daily pass.
- (f) Use of shotgun shells on the trap/skeet range with shot size larger than size 7 is prohibited.

17. Lake Pueblo State Park

(a) Jumping, diving or swinging from cliffs, ledges or man-made structures is prohibited, including, but not limited to, boat docks, marina infrastructure and the railroad trestle in Turkey Creek.

18. Eldorado Canyon State Park

(a) The use of all portable grills and stoves (including, but not limited to, charcoal, gas, and wood) is prohibited outside of designated high-use pads.

QUIET HOURS

g. Quiet hours will be enforced from 10:00 p.m. until 6:00 a.m.; and all generators, loud radios or other loud noises that may disturb the peace are prohibited during these hours.

ABANDONED PROPERTY

- h. It shall be unlawful to leave any personal property unattended on Parks and Outdoor Recreation land or water for more than twenty-four (24) hours.
 - If such property is left unattended for more than twenty-four (24) hours, it will be considered abandoned.
 - 2. Removal and storage will be at the expense of the owner.
 - 3. All abandoned personal property, other than motor vehicles, which is not claimed within six months shall be sold for cash to the highest bidder at a public auction, notice of which (including time, place, and a brief description of such property) shall be published at least once in a newspaper of general circulation in the county wherein said public auction is to be held at least ten days prior to such auction. All funds generated shall be deposited in the Parks Cash Fund.
 - 4. Abandoned motor vehicles will be handled in accordance with Article 4, Part, 18 of Title 42, C.R.S.

MODELS

 It shall be unlawful to operate radio-controlled and/or fuel-propelled models, except in designated areas.

CLIMBING HARDWARE

j. It shall be unlawful to place fixed or permanent rock climbing hardware, unless the climber first obtains a Special-Activities Permit from the park manager. Removal of previously placed fixed or permanent climbing hardware is prohibited.

101 - SEARCH AND RESCUE TRAINING PERMITS

- a. Public or nonprofit search and rescue organizations shall be permitted to conduct official, sanctioned training activities on state park lands upon completion of a search and rescue training permit application and written park manager approval of the application.
 - 1. The search and rescue training permit application shall include the following information.
 - (a) Organization name and address:

- (b) Organization representative contact information including name and phone number;
- (c) Date, time and specific park location of proposed training activities;
- (d) Roster of participants;
- (e) Number of vehicles and associated license plate numbers;
- (f) Training agenda, lesson plan, or other description of proposed activity.
- 2. The training permit application shall be submitted to the park manager at least 14 day prior to the start of the event.
- 3. Upon request from park staff, participants shall identify themselves as part of the training activity.
- 4. Upon approval of the search and rescue training permit application, the park manager may close that portion of the park or recreation area used for the training activity for the duration of the training to the public.
- 5. Participants of such training activities shall be allowed free entrance to any state park or recreation area while engaged in the training activity.

CYNTHIA H. COFFMAN Attorney General DAVID C. BLAKE Chief Deputy Attorney General MELANIE J. SNYDER Chief of Staff FREDERICK R. YARGER

Solicitor General



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Office of the Attorney General

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Opinion of the Attorney General rendered in connection with the rules adopted by the

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on 01/13/2016

2 CCR 405-1

CHAPTER P-1 - PARKS AND OUTDOOR RECREATION LANDS

The above-referenced rules were submitted to this office on 01/19/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 26, 2016 16:29:26

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Natural Resources

Agency

Colorado Parks and Wildlife (405 Series, Parks)

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2 CCR 405-2

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2 CCR 405-2 CHAPTER P-2 - BOATING 1 - eff 03/01/2016

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03/01/2016

FINAL REGULATIONS - CHAPTER P-2 - BOATING

222 - COLLISIONS, ACCIDENTS, AND CASUALTIES

- 1. In the case of an accident involving a vessel, the operator thereof, shall file with the Division a full report concerning the accident. A vessel is considered to be involved in a boating accident whenever the occurrence results in damage, in excess of two thousand dollars, by or to the vessel or its equipment, in injury or loss of life to any person, or in the disappearance of any person from on board under circumstances which indicate the possibility of death or injury. Such boating accident includes, but is not limited to, capsizing, collision, foundering, flooding, fire, explosion, and the disappearance of a boat other than by theft. Accidents for the purpose of the report are only those which occur on the water.
- 2. Reports required under subsection 1 of this section shall contain the following information:
 - a. The number assigned to each vessel involved;
 - b. The locality, time and date of the accident;
 - c. The weather conditions existing at the time of the accident;
 - d. The name, address, and age of each operator of a vessel involved in the accident;
 - e. The name and address of the owner of each vessel involved in the accident;
 - f. the name and address of any person who is injured or killed as the result of the accident;
 - g. The nature and extent of injury to any person;
 - h. A description of any property damage;
 - i. A description of how the accident occurred;
 - j. The type of vessel that is the subject of the report;
 - k. The name and address, if known, of any witness to the accident.
- 3. All reports required to be submitted under this section shall be submitted to the Law Enforcement Unit at 13787 South Highway 85, Littleton, Colorado 80125 of the Division within five days after the date of the accident.

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2 CCR 405-2

CHAPTER P-2 - BOATING

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Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

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2 CCR 405-7

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2 CCR 405-7 CHAPTER P-7 - PASSES, PERMITS AND REGISTRATIONS 1 - eff 03/01/2016

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FINAL REGULATIONS - CHAPTER P-7 - PASSES, PERMITS AND REGISTRATIONS

ARTICLE I - GENERAL PROVISIONS AND FEES RELATING TO PASSES, PERMITS AND REGISTRATIONS

SPECIAL ACTIVITIES

#703 - SPECIAL ACTIVITIES REQUIRING PERMITS

- 1. "Special activities" means those noncommercial events which have the potential for an adverse impact on park values or health, safety or welfare of park visitors or which may otherwise require special planning/scheduling for proper management. Special activities shall require prior approval in the form of a special-activities permit. Applications thereof generally shall be made to the Park Manager at least ninety (90) days prior to the event. Such application must be accompanied by the appropriate application filing fee. This requirement for an application to be filed ninety days prior to an event will be waived in rare circumstances where arrangements can be made in a shorter time without putting undue administrative burden on the Park Manager or when no special arrangements are necessary.
- 2. The decision of whether to approve special activity permits will be made by the Park Manager when it is determined that the special activities will not involve the use of a park or recreation area by a group of persons totaling more than the park or recreation area's established carrying capacity. Otherwise, the Regional Manager shall make the decision of whether to approve the permits. The decision of whether to approve special activities permits will be based on the impact on park values and/or the health, safety and welfare of park visitors and other affected persons, and also will be based on:
 - a. The nature of the park or recreation area and the types of recreational opportunities/resources it is intended to provide the public
 - b. The carrying capacity of the facility or facilities to be utilized during the special activity compared to:
 - (1) The total number of park visitors (including participants and spectators in the special activity) expected to utilize such facilities; and
 - (2) The total number of vehicles, vessels or persons expected to participate in or be attracted to such activities.
 - c. The extent to which the special activity will contribute to the variety of outdoor recreational opportunities available to the people of this state and its visitors.
 - d. The extent to which the activity places an administrative burden on the staff of the park area.
- 3. Whenever it is determined that any special activity will involve the use of a park or recreation area by a group of persons totaling more than the park's or recreation area's established carrying capacity a thirty day written public comment period and a public meeting shall be required prior to the granting of a permit. The Park Manager shall publish notice of both the written comment period and the meeting at least once in a newspaper of general circulation in the county or counties wherein said park or recreation area is located. The meeting shall be conducted by the Division representative responsible for the permit issuance decision and shall be held either at

the park or recreation area, or within a county in which the park or recreation area is located. Such public meeting is not intended to be an adjudicatory licensing hearing under the provisions of the Colorado Administrative Procedures Act, but only as an opportunity for public comment.

- 4. An application for a permit shall be acted upon promptly, and the applicant shall be notified immediately after the taking of action on the application. If the application is denied, the applicant shall be notified in writing within five working days of such action. Such written notification shall include the basis for the denial. The applicant may submit a written appeal of a denial to the Division Director within sixty days of receipt of the denial, requesting a hearing pursuant to section 24-2-104(9), C.R.S., If the date of the proposed special activity is to occur within the sixty day appeal period, then the applicant shall submit any written appeal as soon as practicable so as to allow a reasonable time for the Director to act upon the appeal. Absent special circumstances justifying a later submittal and depending upon the nature of the proposed special activity and the amount of preparation required on the part of the Division for such activity, generally an appeal submitted less than twenty-five days prior to the proposed special activity will be deemed untimely.
- 5. Upon written request, the Division shall waive the requirement for a parks pass for those vehicles when all the occupants are entering parks and outdoor recreation areas for the purpose of administering permitted special activities and not for the purpose of their own recreation.
- 6. For special activities where the Division representative responsible for the permit issuance decision determines it will be a greater administrative ease for the Division to administer the activity, an alternative fee of \$2.00 per person per day may be charged for admission of persons attending or participating in the special activity. This permission shall apply only to groups of twenty or more persons.
- 7. Nothing in this regulation impairs the specific authority of the Commission pursuant to 33-10-107(1)(d) C.R.S. to enter into cooperative agreements for the development and promotion of parks and outdoor recreation programs, or the general authority of the Commission pursuant to 33-10-106 C.R.S. to manage all state parks and state recreation areas for both commercial and noncommercial purposes. The authority granted to park managers and regional managers is intended to allow them to address events of limited and local impact, and is specifically intended to coexist with, and not to exclude, the Commission's statutory authorities.

CYNTHIA H. COFFMAN Attorney General

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CHAPTER P-7 - PASSES, PERMITS AND REGISTRATIONS

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Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

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2 CCR 406-0 CHAPTER W-0 - GENERAL PROVISIONS 1 - eff 03/01/2016

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FINAL REGULATIONS - CHAPTER W-0 - GENERAL PROVISIONS

ARTICLE I - DEFINITIONS

#000 – The following definitions supplement the statutory definitions found in the Wildlife Act including, but not limited to, those definitions found in section 33-1-102, C.R.S.

A. General Definitions Including Manner of Take Definitions

- **1.** "Aggregate" when applied to bag and possession limits, means the total number of species which are covered by such bag and possession limits. Any combination of the species may be possessed up to the total number established as the aggregate bag and possession limits.
- 2. "Archery" means the use of a hand-held bow.
- 3. "Bag Limit" means the maximum number of wildlife which may be taken in a single day during an established open season. This includes any wildlife which are consumed or donated during the same day they were legally taken. The terms "bag limit," "daily bag" and "bag" are considered to have the same meaning.
- **4.** "Baiting" means the placing, exposing, depositing, distributing, or scattering of any salt, mineral, grain, or other feed so as to constitute a lure, attraction or enticement for wildlife.
- 5. "Crossbow" means a bow which is attached at a right angle to a stock with a mechanical mechanism for holding the bow string in a cocked position and fired from the shoulder.
- 6. "Feral Hog" means any species or hybrid of species from the family <u>Suidae</u> (European boar, Eurasian boar, Russian boar, feral hog) or the family <u>Tayassuidae</u> (Javelina and peccary), which possesses one or more morphological characteristic distinguishing it from domestic swine including, but not limited to, an elongated snout, visible tusks, muscular shoulders with small hams and short loins, coarse hair, or a predominant ridge of hair along its back. For the purposes of these regulations, any swine running at large which possesses one or more of the above characteristics, may be presumed to be a feral hog, unless a person has received actual notice that the swine has escaped containment and its return is actively sought, in which case the person should report its location to the owner, if known, and the Division and the Department of Agriculture.
- 7. "Handgun" means any pistol or revolver having no shoulder stock or attachment.
- **8.** "Hand-held bow" means a long bow, recurved bow, or compound bow on which the string is not drawn mechanically or held mechanically under tension. String releases or mechanical releases which are hand-drawn and hand-held with no other attachment or connection to the bow other than to the bowstring are lawful devices.

9. Licenses

- a. "Leftover license" means a limited license which is leftover after the primary application and drawing process.
- b. **"Limited license"** means any license which is limited in number by regulation and which is issued through the drawing process.

- c. "Over the counter license" means a license that may be purchased at a license agent. Most over the counter licenses are unlimited in number, but some may have an established cap.
- d. "Private Land Only license" means a limited license valid only for use on private land and State Trust Lands not leased by the Division, excluding those limited licenses issued as part of the Ranching for Wildlife program. Contact the State Land Board for access restrictions.
- e. **"Unlimited license"** means a hunting license and carcass tag when appropriate which is not restricted in quantity and which is sold by license agents throughout the state and is not valid in any unit where licenses are available only through application and computer or hand drawn selection.
- 10. "Mentor" means a person eighteen years of age or older who holds a valid hunter education certificate or who was born before January 1, 1949, and accompanies a youth or apprentice while hunting. A person whose hunting and fishing license privileges are suspended can not be a mentor.
- **11.** "Muzzle-loading rifle or musket" means a firearm fired from the shoulder, with a single barrel which fires a single patched round ball or bullet.
- **12.** "Pellet gun" means any handgun or rifle of .177 caliber or larger firing pellets and powered by compressed air or gas.
- **13. "Private use"** means the possession of wildlife only for private enjoyment and not intended to be sold, traded, bartered, or entered into commerce.
- **14.** "Privately-owned game birds" means game birds held in private ownership and otherwise acquired in accordance with Commission regulations.
- **15. "Processed meat"** means those edible parts of wildlife which have been cut into normal portions and wrapped for storage. It does not include game meat that is whole, has been quartered, or has not been packaged into normally accepted butcher's portions including but not limited to steaks, roasts, loins, chops, and ground meat.
- **16.** "Rifle" means a firearm fired from the shoulder, with a rifled bore, having a barrel length of sixteen (16) inches or more and a minimum overall length of twenty-six (26) inches.
- 17. "Shotgun" means a firearm fired from the shoulder with a smooth bore, having a barrel length of eighteen (18) inches or more and a minimum overall length of twenty-six (26) inches.
- **18.** "Slingshot" means a hand-held device, not drawn or held mechanically, with the arms or attachment points to which an elastic band is attached for propelling small stones or metal projectiles. Wrist-brace attachments and non-elastic projectile pouches are considered normal components of a slingshot.
- **19. "State Trust Lands"** means those lands owned or under the control of the State Board of Land Commissioners.

B. Definitions related to Aquatic Species or Fish Health

1. "Aquatic Nuisance Species" (ANS) means exotic or nonnative aquatic wildlife or any plant species that have been determined by the Commission to pose a significant threat to the aquatic resources or water infrastructure of the state.

- 2. "Best management practices" means the most effective, practicable (including technological, economic, constructible, and institutional considerations) means of preventing or minimizing the presence or spread of ANS, parasites, or diseases in a fish production facility.
- 3. "Certification" means a document issued by the Division certifying that the facility and the fish located thereon, have been tested for regulated fish pathogens in the numbers and by methods meeting the minimum standards established by these regulations, or any analogous document issued by a qualified fish health official from a recognized state, federal, or foreign fish and wildlife agency.
- **4.** "Coldwater stream"- means a segment or reach of a creek, stream, or river that has water temperatures that do not exceed 68 degrees F for 24 consecutive hours.
- 5. "Critical Habitat"- means the following river reaches and their 100 year floodplains: the Gunnison River downstream of the Uncompander River confluence, the Colorado River downstream of the exit 90 north bridge from I-70, the White River downstream of Rio Blanco Dam, the Green River downstream of the Yampa River confluence, and the Yampa River downstream of the Colo 394 bridge.
- **6.** "Direct connection" means waters in the Upper Colorado River Basin that flow directly into critical habitat. This does not include reservoirs, and waters above such reservoirs, where fish escapement has been addressed according to a management plan approved by the Division.
- 7. "Drainages"- means sub-sets of the USGS hydrologic code system as set forth in the Hydrologic Unit Maps (U.S. Geological Survey Water Supply Paper 2294, U.S. Dept. of Interior U.S. Geological Survey, 1974, State of Colorado section reprinted 1992). This document, but not later amendments or editions, have been incorporated by reference and can be viewed and copies obtained at the Division as set forth in the "Incorporated References" section of Chapter 0 of these regulations.
- 8. "Gametes"- means eggs or sperm.
- **9.** "Inlets" means the bay or recess at the confluence of a stream with the surface of a lake or reservoir.
- 10. "Isolated Water"- means ponds, lakes, or reservoirs that have no outlet.
- **11.** "*Myxobolus cerebralis* intensity" means average spore levels in salmonid fish as determined by standardized testing in accordance with the provisions of #014 Aquatic Wildlife Health Management.
- 12. "Myxobolus cerebralis negative salmonid fish production facility" means a facility in which Myxobolus cerebralis has never been found or in which Myxobolus cerebralis has been eliminated in accordance with the provisions of #014 Aquatic Wildlife Health Management.
- **13.** "Myxobolus cerebralis negative water" means a lake, pond or coldwater stream segment sampled for a statistically valid number of fish that do not test positive for Myxobolus cerebralis, or a water that has not been tested and has not been stocked with salmonid fish from a Myxobolus cerebralis positive facility.
- **14.** *Myxobolus cerebralis* **positive water**" means a lake, pond or coldwater stream segment sampled and found to have salmonids that test positive for *Myxobolus cerebralis*, or which has been stocked with salmonid fish from a *Myxobolus cerebralis* positive facility.

- **15.** "Myxospore (spore)" means the stage of *Myxobolus cerebralis* formed in the cartilage of infected fish which re-infects the alternate host, the *Tubifex tubifex* worm.
- **16.** "Nonsalmonid fish" means all species of fish and their hybrids that are not in the family Salmonidae.
- 17. "Ordinary high water line" means the point where perennial, hydrophytic plant life converges with bare substrate (rock, gravel, sand, fines) or with substrate interspersed with annual vegetation.
- **18. "Prevalence"** is the percentage of individuals in a population found to be infected with a pathogen as determined by standardized testing in accordance with the provisions of #014 Aquatic Wildlife Health Management.
- **19. "Qualified fish pathologist"** means an individual who meets professional standards as set forth by the CPW and who conducts inspections as set forth in #014 Aquatic Wildlife Health Management.
- **20.** "Salmonid fish" means all species of fish and their hybrids in the family Salmonidae, including but not limited to trout, salmon, char, whitefish, and grayling
- **21.** "Salmonid fish production facility" means one or more lakes, ponds, raceways, tanks or other containers in a single location and under the same ownership and management in which salmonid fish are reared for eventual live shipment or release.
- **22.** "Salmonid habitat" means any water that supports, is capable of supporting, or is upstream of a water that supports a self-sustaining population of trout, salmon, char, whitefish, or grayling; and includes the drainages listed in Appendix D.
- 23. "Spore concentration technique (SCT)" means tests conducted according to:
 - a. "Myxosoma cerebralis: Isolation and Concentration from Fish Skeletal Element Sequential Enzymatic Digestion and Purification by Differential Centrifugation", Maria E. Markiw and Ken Wolf, Journal Fisheries Research Board of Canada, Volume 31, No. 1, 1974., or
 - b. "Whirling Disease *Myxobolus cerebralis* Spore Concentration using the Continuous Plankton Centrifuge", Joseph J. O'Grodnick, Journal of Wildlife Diseases Volume 11 pp 54-57, 1975.

These documents, but not later amendments or editions, have been incorporated by reference and can be viewed and copies obtained as set forth in the "Incorporated References" section of Chapter 0 of these regulations.

- **24.** "Triactinomyxons (TAMS)" are a stage of *Myxobolus cerebralis* formed in the gut lining of the *Tubifex tubifex* (tubifex) worm, and which are then released into the water column and re-infect fish with *Myxobolus cerebralis*.
- **25.** "Upper Colorado River Basin" means that portion of the Colorado River drainage that lies within the boundaries of the State of Colorado. This includes all waters in the Yampa, White, Gunnison, Dolores, San Juan, and Colorado River basins.
- **26.** " **100-year floodplain**"- for the upper Colorado River Basin means river floodplain 5.5 vertical feet above the ordinary high water line (OHWL).
- C. Definitions related to Terrestrial Species or Wildlife Health
 - 1. "Pelt" means the skin of a furbearer with pelage intact on the skin.

ARTICLE II - LICENSE TYPES AND REQUIREMENTS

#001 - Hunt Codes

- A. Hunt Codes are a series of eight sequential letters and numbers which denote the species, sex of animal, unit number, season, and hunt type for each choice shown on the application:
 - 1. Species The first character of the hunt code is a letter denoting species:

A for pronghorn

B for black bear

C for desert bighorn sheep

D for deer

E for elk

G for mountain goat

H for small game or furbearer

L for mountain lion

M for moose

P for greater prairie-chicken

S for rocky mountain bighorn sheep

T for wild turkey

2. Sex of Animal - The second character of the hunt code is a letter denoting the sex of the animal for which the license is valid:

E for either-sex (antlerless or antlered) of animal, as defined in #200

F for antlerless or doe animals, as defined in #200

M for antlered or buck animals, as defined in #200

- 3. Unit Number The third through fifth characters are numbers denoting the unit or group of units in which the license is valid. Units are numbered sequentially beginning with the number 1. Zeros appear before the unit number when it is less than three characters in length, i.e. 001, 023, etc. Where the license is valid in more than one unit, the lowest numbered complete unit in the group is used, and the season table shows the complete list of valid units or portions thereof. When the limited license is valid statewide, the unit number is 000. In the case of sheep and goat, the three characters are a letter denoting the species (C, S, or G) followed by the two digit unit number.
- **4.** Season Dates or Type The sixth and seventh characters are a letter and number (0 and up) or two numbers (1 and up) denoting the season and hunt number within the season type (chronologically):

Α	for auction season/licenses + number		
С	for private (match for public) combined ranches Ranching for Wildlife licenses +		
	number		
D	for game damage or distribution management hunts + number		
Ε	for early seasons + number		
F	for East of I-25 Family Only Landowner Pilot seasons + number		
Н	for seasons for hunters with mobility impairments /licenses + number		
J	for public combined ranches Ranching for Wildlife licenses + number		
K	for youth only season/licenses + number		
L	for late seasons + number		
М	for private (match for public) Ranching for Wildlife licenses + number or for private		
	Bighorn Sheep Access Program licenses		
N	for private (match for public) special population Ranching for Wildlife licenses +		
	number		
0	for combined or regular seasons + number		
Р	for private land only (PLO) seasons + number (when simultaneous with a regular		

	season, uses the same number as the regular season)			
R	for replacement license for CWD positive animals + number, for Raffle			
	season/licenses + number, or TIPs license + number			
S	for split seasons (either by time, location, or other listed criteria) + number			
Т	for trapping season/licenses + number			
U	for over the counter licenses			
W	for public Ranching for Wildlife licenses or for public Bighorn Sheep Access			
	Program licenses			
Х	for public special population Ranching for Wildlife licenses + number			
Υ	for experimental seasons + number			
Ž	for disease management hunts + number			

5. Manner of Take - The eighth character is a letter denoting the manner of take:

A for archery only

F for hawking only

M for muzzle-loading only

R for rifle and associated methods (all legal methods)

6. Preference Point Only Hunt Codes - When applicants wish to apply for a preference point only, the hunt codes are: Deer (DP99999P), Elk (EP99999P), Pronghorn (AP99999P), Mountain Goat (GP99999P), Rocky Mountain Bighorn Sheep (SP99999P), Moose (MP99999P), Wild Turkey (TP99999P) or Bear (BP99999P)

#002 - License Requirements

- A. Except as otherwise provided by these regulations any person who takes or possesses any wildlife shall have in possession the appropriate and valid Colorado resident or non-resident license as provided in §33-4-102, C.R.S. and shall only take wildlife of the species and type as indicated on the license. In addition to the required license the taking of some species may also require a permit.
- **B.** Except as otherwise provided, any person who hunts or fishes in Colorado shall have in possession the appropriate and valid Colorado resident or nonresident hunting, fishing or furbearer license including a customer identification number

A customer identification number is not required for the following license categories:

- 1. Falconry licenses.
- 2. Senior Lifetime licenses issued prior to 1990.
- 3. Senior Lifetime Low-Income licenses issued prior to 1994.
- 4. Free Fishing licenses.
- **C.** All annual resident and nonresident licenses authorized in 33-4-102 (1.4), C.R.S., including fishing, senior fishing, small game hunting, furbearer, combination fishing and small game hunting, and the Colorado wildlife habitat stamp, shall be valid and otherwise in effect from April 1 to March 31st of the following year.
- **D.** Except as otherwise provided in these regulations, any person who hunts or fishes in Colorado shall be physically present in the immediate vicinity of the activity. Internet or other computer-assisted remote hunting or fishing is prohibited.
- **E.** Any person who hunts big game or turkey in a game management unit, or portions thereof, for which the Wildlife Commission has established limited license quotas must have a limited license valid for that unit. General season, over-the-counter licenses may not be used in a limited license unit unless validated by the Division.
- **F.** Any person possessing a license or permit restricted to a specific game management unit or portions thereof, may only hunt that unit or area for which his license or permit is issued.

- **G.** Duplicate small game, fishing, furbearers, senior citizen lifetime licenses and combination small game licenses may be obtained from the Division by submitting an affidavit on forms provided by the Division and payment of a \$5.00 fee.
- **H.** Any person who is authorized to hunt, fish or trap wildlife in Colorado pursuant to a permit issued by the Division shall comply with all of the terms and conditions of that permit.
- **I.** The Director is hereby authorized to issue the following licenses.
 - 1. Licenses for law enforcement investigative purposes to District Wildlife Managers, U.S. Fish & Wildlife (USFWS) Service Special Agents, or other persons cooperating with them or otherwise participating in a wildlife-related law enforcement activity authorizing them to hunt or fish as an appropriate element of an investigation of violation of Articles 1 through 6 of Title 33 of the Colorado Revised Statutes, regulations issued pursuant thereto, or federal wildlife laws; provided however, that no wildlife shall be taken with such a license if the taking would jeopardize the maintenance of populations at viable self-sustaining levels.

A written report shall be provided by the Director to the Wildlife Commission annually specifying the total number of licenses issued under this authority during the previous calendar year.

J. Turning In Poachers (TIPS) Reward Program

- The Director is authorized to award licenses and preference points in accordance with this regulation to otherwise eligible persons that report the illegal take or possession or willful destruction of big game or turkey in Colorado to the Division.
- 2. Any person who voluntarily provides information that results in a person being charged with the illegal take or possession of big game or turkey may be awarded a preference point for the wildlife species of their choice or an over-the-counter license for the same species reported. As an alternative to the above reward options, and except as provided below, any person who voluntarily provides information that results in a person being charged with willful destruction of big game or turkey or assessment of a § 33-6-109(3.4), C.R.S., penalty may be awarded a limited license for the same species and unit reported.
 - a. In limited license units where less than 10 licenses (total) are allocated annually for all manners of take, only one reward license can be issued in any three year period.
 - b. In limited license units where less than 20 licenses (total) are allocated annually for all methods of take, only one reward license may be issued per year.
 - c. In limited license units where the reward license has already been issued the person may:
 - 1. wait until the next reward license in that unit is available, or
 - 2. select another limited license unit for which a reward license is available.
 - d. If the violation(s) reported occurred within a game management unit, which is closed to hunting the species reported, the person may select another limited license unit for which a reward license is available.

- 3. Limited licenses awarded as part of the TIPs Reward Program shall be in addition to the number of licenses generally available through or allocated as part of the Division's limited license draw.
- 4. Licenses for use on properties participating in the Division's Ranching for Wildlife program are not available as part of the TIPs Reward Program.
- 5. Licenses awarded as part of the TIPs Reward Program do not confer or otherwise guarantee access to any property for the purpose of exercising the benefits of the license. Securing such access is the responsibility of the license holder.
- 6. Except as provided in 2(c)(1), all licenses awarded as part of the TIPs Reward Program must be for a season occurring within 18 months of the final judicial disposition of the charges.
- Licenses and preference points issued as part of the TIPs Reward Program are nontransferable.
- 8. For the purposes of the TIPs Reward Program, "charging" means the issuance of a penalty assessment or summons and complaint and such charging decision is at the sole discretion of the investigating officer or District Attorney.
- 9. While conviction is not necessary to support the awarding of a preference point or license, no applications for TIPs rewards will be accepted and no such rewards will be issued until final judicial disposition of the charges.
- 10. Only one TIPs reward will be issued per poaching incident, no matter how many animals are illegally taken. Further, if more than one person reports the violation(s) and files an application, the TIPS reward will be awarded to the person the Director finds to have provided the most pertinent information regarding the violation.
- 11. Applications for TIPs rewards must be made on forms provided by the Division, must be filed within 90 days of the judicial disposition of the charges and all applicants are subject to the following eligibility requirements:
 - a. To be eligible for a TIPs reward, a person must voluntarily come forward and report the violation, and must be willing to testify, and testify if requested, in any subsequent criminal prosecution. Information obtained through criminal investigation or court process is not considered "voluntary" for the purposes of the TIPs Reward Program.
 - b. A person is eligible for only one TIPs reward per year.
 - c. A person is ineligible to receive a TIPs reward if they have received any other reward for reporting the violation(s), including but not limited to a monetary payment under the Operation Game Thief program.
 - d. A person must be eligible to apply for, possess or exercise the benefits of any license or preference point conferred through the TIPs Reward Program and must otherwise comply with all other generally applicable hunting requirements and restrictions.
 - e. All Division employees, and peace officers that report violation(s) to the Division as part of their law enforcement duties, are ineligible for the TIPs Reward Program.

K. Terrestrial Invasive Species

- 1. The following terrestrial invasive species are hereby declared to be detrimental to Colorado's wildlife and habitat. They may be seized, captured or destroyed by the Division or its authorized agents whenever and wherever found.
 - a. Feral hog
 - b. Eurasian collared-dove
 - c. European starling
 - d. House (English) sparrow
- 2. No license is required for a person to hunt or take terrestrial invasive species. However, commercial hunting or taking of terrestrial invasive species is prohibited. No person shall receive compensation or attempt to receive compensation from the hunting of terrestrial invasive species in Colorado. Terrestrial invasive species may be taken year-round in any number by any method allowed for the take of big or small game. In addition, terrestrial invasive species may be taken at night with the use of artificial light and night vision equipment.
 - a. Except when counted as part of the bag and possession limit for doves in #508 of these regulations, while in the field and during transport all Eurasian collared-doves shall be fully feathered.
- 3. No person shall release terrestrial invasive species or hybrids of terrestrial invasive species in Colorado for the purpose of allowing them to run at large or otherwise facilitate the distribution or abundance of these species in Colorado.

L. Hunter Education

- 1. For the purpose of this regulatory provision, the following terms have the following definitions:
 - a, "Active Duty" means a person who is a full time employee of a U.S. military service branch under the Department of Defense and can be deployed at any time.
 - b. "National Guard" means the Army National Guard or Air National Guard that is part of an organized militia of any state within the United States of America. National Guard members are not considered active duty military personnel.
 - c. "Reserve Duty" means a person who is trained and qualified by a U.S, military Reserve Component to be available for active duty in the armed forces when needed. Reserve members are not considered active duty military personnel.
 - d. **"Veteran"** means a person who served in the Active Duty or Reserve Duty military or the National Guard and who was discharged or released from such service under conditions other than dishonorable.
- 2. As authorized and in accordance with §33-6-107(8) and §33-6-107(10) C.R.S, these regulations establish requirements for Colorado's hunter education certification program. Hunter education classes within this state must include a minimum of 10 hours of instruction, including, but not limited to, the topics of wildlife management, wildlife identification, firearms safety, ethics, and laws and regulations. A portion of the course curriculum must also include hands-on activities where students demonstrate, at a minimum, safe firearms handling and a live fire exercise. Students must also pass a written test to successfully complete the course. Except as provided in regulation #002(L)(3) below, any person born on or after January 1, 1949, must have a valid hunter education certificate prior to hunting, trapping, or purchasing any hunting license in accordance with §33-6-107(8) and §33-6-107(10) C.R.S.

- 3. Allowable hunter education course delivery options and methods are as follows:
 - a. Traditional class- 10 hours, minimum, in a standard classroom setting that includes hands-on learning activities. Additional time beyond the 10 hour requirement is also necessary to complete the written test and live fire exercise.
 - b. Internet course with conclusion class- The internet portion of the class is credited with 6 hours of study. A 4-6 hour, in-person, conclusion class is required and will cover laws and regulations, wildlife identification, and handson firearms activities. Additional time beyond the 4-6 hour requirement is also necessary to complete the written test and live fire exercise.
 - c. A person age 50 and older may complete a one-time test-out of the hunter education certification requirements by passing a timed hunter education test online with a score of 90% or above. This online test can only be taken once.
 - d. U.S. military veterans, active duty, reserve duty and National Guard members may complete a one-time test-out of the hunter education certification requirements by passing a timed hunter education test online with a score of 90% or above. This online test can only be taken once. Military personnel must bring test certificate and military identification to a CPW office to verify military status and obtain a hunter education certificate. To qualify, a veteran must be discharged under conditions other than dishonorable. Acceptable forms of military identification include:
 - i. DD 214;
 - ii. DD Form 2;
 - iii. DD Form 2765:
 - iv. Active, retired, veteran military identification card;
 - v. A current Colorado Drivers License or state issued identification card with the word "veteran" printed on it as specified in 42-2-303(5)(a) C.R.S.;
 - vi. VA medical card.
- 4. Exceptions to the hunter education certification requirements are as follows:
- a. A person 10 years of age or older who obtains an apprentice certificate. An apprentice certificate can only be obtained once and is valid for a one year period, identified as April1-March 31annually. Apprentice certificate holders must be personally accompanied by, and in voice and visual contact with a mentor while hunting. A mentor may oversee no more than 2 apprentices at a time and must carry proof of hunter education and age while in the field.

ARTICLE IV - MANNER OF TAKING WILDLIFE

#004 - AIDS IN TAKING WILDLIFE

- A. Aids Used in Taking Big Game, Small Game and Furbearers Except as expressly authorized by these regulations, the use of baits and other aids in hunting or taking big game, small game and furbearers is prohibited.
 - 1. Baits
 - a. Furbearers may be taken with the aid of baiting. Where permitted, baits shall consist solely of material of animal or plant origin and shall not contain any materials of metal, glass, porcelain, plastic, cardboard or paper. Wildlife used as bait shall be the carcass, or parts thereof, of legally taken furbearers, carp, shad, white and longnose suckers, and nonedible portions of legally obtained game mammals, birds and game fish.
 - 2. Dogs
 - a. Use of dogs in the taking of wildlife is prohibited except as authorized in Commission Regulations. (See also: §33-4-101.3, C.R.S.)
 - 1. Dogs may be used to hunt or take mountain lion, small game, waterfowl, and furbearers, only as an aid to pursue, bring to bay, retrieve, flush or point, but not otherwise. Except as provided in (3) of this subsection, dogs shall not be used to hunt or take cottontail rabbits, snowshoe hares, and tree squirrels where a regular deer, elk, pronghorn or moose season is in progress.

- 2. A leashed dog may be used as an aid in locating and recovering wounded big game wildlife, except for black bears, with the purchase of an annual tracking permit. Tracking permits can be purchased for \$40.00 from any Colorado Parks and Wildlife Office by the dog handler. Prior to using the permit, the dog handler must notify a Colorado Parks and Wildlife Office and provide the following information: the dog handler's name, hunter's name (if different than the handler), hunter's CID number, location of use, species to recover, and time of use. Within five business days of using the permit, the handler must also notify the Division regarding whether they recovered the carcass. A dog may only be used to pursue or locate wounded big game during legal big game hunting hours. Provided however, that such pursuit may continue after legal big game hunting hours if the handler contacts and obtains the permission of a Wildlife Officer prior to continuing such pursuit. In acting on any such request, the Wildlife Officer shall consider the general public safety and may authorize the dispatch of the wounded animal after legal hunting hours. The dog must be leashed at all times and can not be used to kill, chase, or harass wildlife. The properly licensed hunter is required to be present while the dog is tracking and the animal must be dispatched by the hunter using a legal method of take based on their license. The dog handler is required to wear daylight fluorescent orange while tracking, unless the handler is tracking an animal shot on an archery license.
- 3. Organized dog pursuit events involving the hunting of rabbits or hares conducted by state or nationally-recognized sporting associations may be conducted on private lands or public lands not concurrently open to big game hunting during the extended dog pursuit season for such species.
- 4. A valid small game license is required for all dog handlers participating in any dog pursuit event involving the hunting of rabbits or hares, in accordance with regulation #004(A)(2)(a)(3).

3. Other Aids

- Mechanical calls may be used to take all species of wildlife during established seasons
- b. Except as otherwise provided in these regulations, electronic calls may be used as an aid in taking furbearers only.
- c. Decoys may be used.
- d. European ferret may be used as an aid in taking small game only in conjunction with hawking. All ferrets used in this activity must be neutered, permanently tattooed on the left inguinal area and dyed along one-fourth (1/4) of their body length for easy field identification.
- e. Manner of take accommodations may be issued to persons with disabilities, in accordance with #005.
- B. It shall be unlawful to hunt any game birds, small game mammals or furbearers, with a centerfire rifle larger than .23 caliber during the regular deer and elk seasons west of Interstate 25, unless the hunter holds an unfilled deer or elk license for the season he is hunting.
- C. It shall be unlawful to use a drone to look for, scout, or detect wildlife as an aid in the hunting or taking of wildlife.
 - For the purposes of this regulation, drone shall be defined as including, without limitation, any contrivance invented, used or designed for navigation of, or flight in the air that is unmanned or guided remotely. A drone may also be referred to as "Unmanned Aerial Vehicle" (UAV) or "Unmanned Aerial Vehicle System" (UAVS).

D. Smart Rifles

- 1. All firearms used to take or attempt to take wildlife shall be fired only by humanly controlled, manually-operated mechanical triggers. No person shall use a smart rifle
- to take or attempt to take wildlife.
- 2. "Smart Rifle" means any firearm that is equipped with one or more of the following:

- a. A target tracking system;
- b. An electronically-controlled, electronically-assisted, or computer-linked trigger;
- c. A ballistics computer.

E. Live-Action Game Cameras

- 1. No person shall use a live-action camera to locate, surveil, or aid or assist in any attempt to locate or surveil any game wildlife for the purpose of taking or attempting to take said wildlife during the same day or following day.
- 2. "Live-Action Game Camera" means any device capable of recording and transmitting photographic or video data wirelessly to a remote device, such as a computer or smart phone. "Live-action game camera" does not include game cameras that merely record photographic or video data and store such data for later use, as long cannot transmit data wirelessly.

ARTICLE V - ACCOMMODATIONS FOR PERSONS WITH DISABILITIES

#005 REASONABLE ACCOMMODATIONS

- A. The Director shall have the authority to grant variances from the regulations adopted by the Wildlife Commission, including but not limited to manner of take and access accommodations, for the sole purpose of providing reasonable accommodations to persons with a significant impairment of a major life function resulting in functional impairment under the Americans with Disabilities Act. Such accommodations may be provided if they are reasonably required to allow the person to participate in wildlife programs or access wildlife properties to participate in wildlife related recreation and do not:
 - 1. Significantly alter the purpose of the Division property or program for which the accommodation is requested;
 - 2. Jeopardize the safety of the applicant or any other person; or
 - 3. Pose undue hardship for the Division
- B. Application for such accommodations must be made on a form available from and submitted to the Division at least 30 days prior to the requested effective date.
- C. Except when applying exclusively for the use of a power-driven mobility device, the application shall include a statement from a licensed medical doctor, a certified physical therapist, a certified occupational therapist, or a certified recreational therapist containing:
 - 1. A medical explanation as to whether or not the disability is a significant impairment that limits one or more daily life functions, and how those functions are affected.
 - 2. A narrative description of how the accommodation requested is reasonably required to allow the applicant to participate in the wildlife program or access the wildlife property in question.
- D. Such applications will be reviewed on a case by case basis and additional documentation may be required if necessary to establish the applicant's disability or the reasonableness of the accommodation requested. If any accommodation is authorized, the applicant will be provided with a special permit listing the accommodation and any conditions of its use. In the case of properties and facilities designated exclusively for hunters with qualifying disabilities, this permit shall allow a permittee and attendant access to such properties and facilities.
 - 1. When shooting from a motor vehicle is authorized, the permittee is authorized to discharge a firearm or release an arrow from a stationary motor vehicle only after all forward motion has ceased and the motor has been turned off or is incapable of forward motion. No shooting may be done from a public road.

- E. Permits are free of charge, and valid for the time period designated on the permit. Except when applying exclusively for the use of a power-driven mobility device, the temporary or permanent nature of the person's disability may be considered in establishing the time period for which the permit will be valid. Permits shall be presented for inspection upon request by an officer of the Division.
- F. Hunters with permits must be accompanied by another person when necessary to ensure that the wildlife taken is retrieved and properly prepared for human consumption. Such person may dispatch wounded wildlife when so authorized as a condition of the permit.
- G. Persons provided with any accommodation under this regulation shall comply with all other applicable laws and regulations. Permits allow variances only from regulations specifically addressed and only in the manner and under the circumstances set forth therein.
- H. A service animal is defined as any dog that is individually trained to do work or perform tasks for the benefit of an individual with a disability including a physical, sensory, psychiatric, intellectual, or other mental disability. Other species of animals, whether wild or domestic, trained or untrained, are not service animals for the purposes of this definition. The work or tasks performed by a service animal must be directly related to the handler's disability. The crime deterrent effects of an animal's presence and the provisions of emotional support, well-being, comfort, or companionship do not constitute work or tasks for the purposes of this definition.

ARTICLE VI - TERRESTRIAL WILDLIFE

#006 - TRANSPORTATION

A. Harvested Terrestrial Wildlife

- Wildlife for which a carcass tag is required by statute or by Commission Regulation must have such tag properly attached to the wildlife unless the wildlife consists of twenty (20) pounds or less of big game meat and is accompanied by a donation certificate.
- 2. Processed big game meat shall be accompanied by the carcass tag, or in the case of donated meat a donation certificate.
- 3. Except as provided in subsection four (4) below, wildlife for which no carcass tag is required must be personally accompanied by the license holder.
- 4. Wildlife shipped by common carrier must be accompanied by either the license, a photo copy of the license, or appropriate carcass tag, and if applicable, a donation certificate.
- 5. Evidence of sex regulations as provided in #003 shall apply while transporting any wildlife except for processed big game meat.

B. Live Terrestrial Wildlife

- 1. Intrastate transportation of those species of live wildlife listed in #008(B) is prohibited.
- 2. Any exportation of live wildlife held under authority of Colorado Wildlife Parks or Lakes licenses shall be in accordance with the rules and regulations of the receiving country, state or province.
- 3. All wild ungulates transported within Colorado must be marked with U.S. Department of Agriculture (USDA) official eartags or tags approved by the Division.

- 4. All live captive cervids transported within Colorado must test negative for tuberculosis (TB) within sixty (60) days prior to movement anywhere within Colorado except that live captive cervids originating from herds with a "Colorado TB tested elk herd" or a "Colorado TB accredited elk herds" status issued by the Colorado Department of Agriculture (Dept. of Agriculture) shall be exempt from intrastate TB testing requirements. Tuberculosis testing shall be accomplished using a single strength cervical (SSC) tuberculin test performed by an accredited veterinarian who has prior training to conduct such tests. An official certificate of veterinary inspection (listing the animal identification, as well as the dates and results of such testing, or the Dept. of Agriculture herd status number) shall also accompany all shipments of live captive cervids within Colorado.
- 5. All captive wild ungulates transported within Colorado after July 1, 1993, must originate from a "Colorado tuberculosis tested herd" or a "Colorado tuberculosis accredited herd" as determined under procedures approved by the Dept. of Agriculture as set forth in Appendix A to this regulation.

6. CWD Surveillance

Commercial Wildlife Parks facilities seeking to move live deer or elk within Colorado must obtain written authorization from the Director and shall request such authorization from the Division at least 30 days prior to the proposed movement date. Deer and elk from alternative livestock facilities licensed by the Dept. of Agriculture being transferred into Commercial Wildlife Parks are included in this requirement. Provided further that no such captive cervid transportation will be permitted anytime a new CWD diagnosis is made in any such facility, until all tracebacks have been completed and CWD-free facility status has been confirmed.

- a. Criteria for approval or denial:
 - 1. Written authorization will be based on compliance with a sixty (60) month surveillance requirement for CWD including a review of inventory records for all deer and elk on the facility. Such review shall include proof of individual animal identification; all additions, exports and mortalities; and copies of the results of any animal inventory or records of audits and verification records: for at least the previous sixty (60) months, and laboratory reports documenting the absence of CWD lesions, after microscopic evaluation of brain tissues by an accredited veterinary diagnostic laboratory, or a negative result from another CWD diagnostic test conducted by an accredited laboratory, which test has been approved by the Director and State Veterinarian as having equal or greater diagnostic reliability, in all adult (12 months of age or older) deer and elk dying of any cause over the required surveillance period. Determination of when a facility meets the sixty (60) month minimum surveillance period shall be based on the age of the animals on the facility, the source facility of the animals, and the length of the surveillance program of the source facility(ies). Every individual in the source herd must meet the sixty month surveillance requirement, except for young born into a herd during the sixty month surveillance period, provided that all other deer and elk in the facility during that time period and all deer and elk imported into the facility during that time period also meet the sixty (60) month requirement, unless the Division and the Dept. of Agriculture agree that movement does not present a substantial risk of moving CWD based on the location of the source and receiving facilities. length of surveillance at the source facility, fencing at the receiving facility and other relevant factors.
 - 2. For the purpose of determining and maintaining 60 months CWD-free status, records must positively account for all animals and cause of death, unless the Division and the Dept. of Agriculture agree otherwise. If any animals remain untested or unaccounted for or cause of death is otherwise unknown or in question, status is adversely impacted and reduced to the date the untested or unaccounted for animal or animal with the unknown or questionable cause of

death was introduced into the herd, unless the Division and the Dept. of Agriculture agree that the associate risk is negligible, taking into consideration the possibility of predation, theft, or other relevant factors. Provided, however, that anytime a facility receives animals from another in-state facility with lower CWD status, the receiving facility shall assume the lower CWD status level. Any deer or elk transported within Colorado as described in G above in violation of this standard, or any pre-existing standard, or for which documentation does not exist which clearly establishes compliance with said standard, must be immediately destroyed and tested for CWD. In addition, the status of the receiving herd may be reduced up to 0 months. Both the source facility and the receiving facility are guarantined upon discovery of the violation, until test results show that CWD was not detected in any of the subject animals. If CWD is detected in any of them, the guarantines remain in effect and all private deer and elk that have come into contact with any of them must be immediately destroyed and tested for CWD. In all such cases, there shall be no obligation for the state to compensate the owner of the animals.

- 3. All cervid mortalities of animals 12 months of age or older shall be submitted for CWD testing. If CWD is detected in any animal, the status of the herd exposed to such animal shall be reduced to 0 months.
- 4. Upon receipt of any request to move captive wildlife or alternative livestock to a captive wildlife facility within the state, the Division shall forward the request and all necessary documentation, including but not limited to, the status records for the facilities involved, to the Dept. of Agriculture for review and approval. The Dept. of Agriculture shall render its determination regarding risk within 5 working days of receipt of all necessary documentation. If no such determination is received by the Division at the end of the five working days, the Division may presume that the Dept. of Agriculture has no objection to the requested movement.
- 5. No evaluation of determination of CWD risk is required for alternative livestock or captive wildlife shipped directly to slaughter or to a biosecure facility approved by the Division and the Dept. of Agriculture.

#007 - IMPORTATION OF TERRESTRIAL WILDLIFE

- A. Prior to importation of wildlife an importation permit must be obtained from the Division and the State Veterinarian.
- B. An appropriate license must be in possession prior to importation. Only animals in the same scientific family as animals approved on the license can be imported.
- C. All wild ungulates imported into Colorado must be tagged with a USDA official identification device or official Canadian identification device. Any wild ungulates imported to Colorado 12 months of age or under must be identified with a bangle or ranch tag to identify ownership.
- D. Except as authorized in writing by the Director for research purposes or immediate slaughter, all wildlife imported into Colorado must be examined by an accredited veterinarian prior to importation and must be accompanied by a valid, preapproved health certificate certifying disease-free status. Minimum specific disease testing results and/or health statements must be included on health certificates for:
 - 1. All captive wild ungulates shall:
 - a. Test negative for brucellosis. The health certificate completed by an accredited veterinarian must include the signed statement that "To the best of my knowledge, animals listed herein are not infected with Paratuberculosis (Johnes Disease) and have not been exposed to animals infected with Paratuberculosis."

- b. Test negative for bovine tuberculosis using USDA-approved testing procedures appropriate for species in question not more than 60 days prior to importation and must originate from a herd which has had a negative complete herd test for tuberculosis within the past 12 months. A "complete herd test" is defined as tuberculosis testing of all ruminants and camelids on a premises (except domestic cattle, Bison, sheep and goats) using USDA-approved testing procedures appropriate for species in question where all testing is completed during a period not exceeding six (6) consecutive months; or
- Originate from a bovine tuberculosis-free herd accredited by another state or province which meets the standards for testing or their equivalent as set forth in (b) above.
- d. Appropriate USDA-approved testing procedures are limited to those referenced in section #006(B)(5) above and others prescribed by the federal Veterinary Service as set forth in Appendix B to this regulation.
- e. If in the family Cervidae, originate from a herd that has been under surveillance for Chronic Wasting Disease for a period of at least 60 months unless the Division and the Colorado Department of Agriculture agree that the associated risk is negligible.
- Testing for bovine tuberculosis in other mammalian species may be required prior to importation if there is reason to suspect that such animals may be infected with the disease.
- 3. All wild species in the sub families Meleagridinae (wild turkey) and Tetraoninae (grouse): Tested negative for Mycoplasma gallisepticum, M. synoviae, M. meleagridis and Salmonella pullorum. For groups of grouse imported from the same source in a single shipment, testing is required for only 25% (one of every four) of those birds.
- 4. All elk must be tested prior to importation for evidence of red deer hybridization. Any animal testing positive for red deer hybridization shall not be allowed to be imported into Colorado.
- 5. The offspring of any female elk must be tested for red deer hybridization, at the owner's expense, by December 31 of the year of birth if the calf results from a pregnancy which existed prior to the female elk being imported into Colorado.
- 6. Any offspring, described in 4(e) above, testing positive for red deer hybridization, must be removed from the State of Colorado, at the owner's expense, by June 1 of the year following the year of birth. In all cases, the Division will not compensate owners for these animals.
- E. Additional disease testing may be required at the discretion of the Director of the Division by written notification prior to importation, when there is reason to believe other diseases, parasites or other health risks are present. (e.g. recent outbreak of a disease not listed in this section.)
- F. All imported wild ungulates, turkeys, and grouse must be held in isolation from other wildlife on the operator's premises for at least thirty (30) consecutive days upon importation into Colorado. Animals obtained from free-ranging wild stock by state or federal agencies are exempt from the isolation period.
- G. At least seven (7) days prior to the proposed importation date all persons desiring to import raptors into Colorado must properly complete a Raptor Importation form, except that no raptor importation form is required for licensed Colorado wildlife rehabilitators importing raptors for imminently-necessary medical care. However, prior to importation, that rehabilitator must provide telephone notice of any such importation to the Area Wildlife Manager presiding over the area in which the care facility is located, including the number, species and condition of the raptor(s) to be imported. All raptors imported into Colorado must have veterinary certificates certifying the birds are disease free.

#014 - AQUATIC WILDLIFE HEALTH MANAGEMENT

A. Inspection and Certification for Prohibited and Regulated Fish Diseases

- 1. Annual fish health inspections and certifications are required for all in-state fish production or holding facilities, which sell or stock live fish, and out of state facilities importing live fish into Colorado. A fish health certification will terminate one year from the effective date of certification or upon discovery of a prohibited or regulated disease, whichever occurs first. However, provided the facility requests its annual fish health inspection within 12 months of the effective date of its last certification, its fish health certification shall be valid for fifteen months or whenever its subsequent inspection report is available, whichever occurs first. In the absence of a timely written request for an annual fish health inspection the fish health certification shall terminate 12 months from the effective date of its last certification. A copy of such certification must accompany each fish shipment within or into Colorado.
- 2. All such facilities shall be annually inspected by a qualified fish pathologist for both prohibited and regulated diseases as applicable.
 - a. Prohibited diseases
 - 1. All salmonid facilities must be certified to be free of the following diseases:

Infectious Hematopoietic Necrosis Virus (IHNV) Viral Hemorrhagic Septicemia Virus (VHSV) Oncorhynchus masou Virus (OMV)

- 2. All facilities with non-salmonid fishes must be certified free of Viral Hemorrhagic Septicemia Virus (VHSV).
- 3. Inspection and Certification for Other Diseases of Concern: susceptible or potentially susceptible species from all importing facilities within the applicable endemic disease areas, including both salmonid and nonsalmonid fish production or holding facilities, must also be annually certified by a qualified fish pathologist to be free of the following diseases:

Ceratomyxa shasta (Ceratomyxosis)
Epizootic Epitheliotropic Disease (EEV)
Infectious Salmon Anemia Virus (ISAV)
Piscirickettsia salmonis
Tetracapsula bryosalmo (Proliferative Kidney Disease – PKD)
Spring Viremia of Carp Virus (SVCV)

b. Regulated diseases – all salmonid facilities must be certified for the presence or absence of the following diseases:

Myxobolus cerebralis (Whirling Disease – WD)
Renibacterium salmoninarum (Bacterial Kidney Disease - BKD)
Aeromonas salmonicida (Furunculosis)
Infectious Pancreatic Necrosis Virus (IPNV)

- 3. Testing procedures.
 - a. Except for Viral Hemorrhagic Septicemia Virus (VHSV) and as otherwise provided in these regulations, all inspections and testing procedures must be conducted as set forth in the Blue Book: USFWS and AFS-FHS (U.S. Fish and Wildlife Service and American Fisheries Society-Fish Health Section) Current edition. Standard procedures for aquatic animal health inspections. *In* AFS-FHS. FHS Blue Book: Suggested procedures for the detection and identification of certain finfish and shellfish pathogens, 2014 edition. AFS-FHS, Bethesda, Maryland. This document can be viewed and copies obtained at the Division as set forth in the "Incorporated References" section of Chapter 0 of these regulations.

- b. Testing for Viral Hemorrhagic Septicemia Virus (VHSV) shall be conducted by the protocols and procedures of:
 - The Blue Book: USFWS and AFS-FHS (U.S. Fish and Wildlife Service and American Fisheries Society-Fish Health Section) 2014 edition. Standard procedures for aquatic animal health inspections. *In* AFS-FHS. FHS Blue Book: Suggested procedures for the detection and identification of certain finfish and shellfish pathogens, 2014 edition. AFS-FHS, Bethesda, Maryland, or
 - 2. The Manual of diagnostics for aquatic animals 2014 edition. of the OIE World Organisation for Animal Health, 12 rue de Prony 75017 Paris, France.

These documents can be viewed and copies obtained at the Division as set forth in the "Incorporated References" section of Chapter 0 of these regulations.

- 4. Authority to exempt applicants from specific pathogen testing is granted to the Director, upon consultation with, review, and recommendation from the Fish Health Board, when the following criteria are met:
 - a. Compliance with testing requirements would result in an unacceptable impact on the sample population.
 - b. There is minimal risk of introducing an exotic pathogen into the state.
 - c. There is minimal risk of exposing free-flowing waters to any specific pathogen.
 - d. Adequate provisions for management and disposition of the fish and adequate disinfection of the water as necessary are made and incorporated as conditions of the importation permit.

Application for such an exemption shall be submitted to the Division at least fourteen (14) working days prior to the proposed importation date. The Director shall have fourteen (14) working days to approve or disapprove the application. The Fish Health Board shall review and submit its recommendation to the Director within seven (7) working days after receipt from the Division.

- B. Reportable Diseases: the presence of any prohibited or regulated disease at an in-state or importing facility shall be immediately reported to the Division.
- C. Management of Prohibited and Regulated Fish Diseases.
 - 1. Prohibited Disease agents.
 - a. No fish or gametes (eggs and sperm) with, or exhibiting clinical signs of, any Prohibited Disease, or any other infectious agents determined by the Director to pose a significant threat to Colorado's aquatic resources, may be imported or placed in waters of this state without written approval of the Director. Written approval may be granted only after the following conditions have been met:
 - 1. The Director has determined that no damage or undesirable effects to existing fish populations and their habitat will occur.
 - 2. The nature of any disease(s) must be positively determined and documented.
 - b. If fish are found with Prohibited Diseases or any diseased wildlife, which would have a significant detrimental effect on Colorado's wildlife resource as determined by the Director, are found at any fish production or holding facility they may be destroyed or held in quarantine at the owner's expense, in accordance with 33-5.5-102 C.R.S. Possession, transfer or any other act relative to such wildlife contrary to the Director's determination of disposition is prohibited.

c. The Director shall determine when destruction of wildlife, a quarantine or disinfection is required at any federal, state, private or commercial fish or wildlife production facility. If the Director determines that either destruction, quarantine or disinfection is required, he shall issue a written order to the owner or operator of the facility setting forth the steps for destruction and/or disinfection. Required disinfection of holding facilities will be completed at the owner's expense. If the owner disagrees with the Division's determination he shall have the right to appeal the decision to the Wildlife Commission provided notice of such appeal is given to the Director within seventy-two (72) hours of receipt of the order.

2. Regulated Disease Agents

- a. Myxobolus cerebralis (Whirling Disease WD)
 - 1. Myxobolus cerebralis testing
 - aa. At the time of the annual inspection for whirling disease certification, all facilities in Colorado or facilities importing fish into Colorado shall be tested using either of the two methodologies listed below.
 - Spore Concentration Technique: The facility shall provide at least one lot of live salmonids (minimum lot size of 260 fish) for whirling disease testing. As a screening procedure, fish shall be tested for the presence of *Myxobolus cerebralis* using a spore concentration technique ("SCT"). Minimum sample size of lots in aggregate shall be determined at the assumed prevalence level of 5% with 95% confidence.
 - aaa. Any negative finding will be conclusive for the absence of *Myxobolus cerebralis*.
 - bbb. Any positive finding will be presumptive for the presence of *Myxobolus cerebralis*. All presumptive SCT findings shall be confirmed by PCR. PCR results shall be conclusive as to the presence or absence of *Myxobolus cerebralis*.
 - Polymerase Chain Reaction (PCR) Technique: As an alternative to SCT, susceptible salmonids held at least 4 months in the water supply may be tested by PCR. A positive finding in such instance shall be considered presumptive for the presence of *Myxobolus cerebralis*. Confirmation shall be determined by a second PCR conducted by a different laboratory.
 - bb. Sample size for the purpose of annual inspections for *Myxobolus* cerebralis, the minimum sample size for determination of prevalence shall be sixty susceptible fish per water supply in a salmonid fish production facility.
 - cc. Stocking from facilities which are presumptive for *Myxobolus* cerebralis.shall comply with the provisions of release of *Myxobolus* cerebralis positive fish during confirmatory testing. PCR tests for presumptive positives will be the highest priority for testing and every effort will be made to complete the test within 21 days.
 - dd. For the purpose of conducting confirmatory testing, should it become necessary, at least 100 fish from each lot tested, with at least 200 total fish from tested lots, shall be held at the facility for up to 3 weeks after the initial inspection date.

- ee. Diagnostic or incidental observations of *Myxobolus cerebralis*_by histology (presence of morphologically correct organisms within salmonid skeletal tissues) shall be presumed positive for the organism. Presumptive findings by histology shall be confirmed by PCR.
- 2. WD Negative Recertification: In order for the *Myxobolus cerebralis* status of a salmonid fish production facility to change from positive to negative, the owner and/or operator of the facility must complete all of the requirements of either aa or bb below:
 - aa. Method 1 Facility modifications and testing for *Myxobolus cerebralis*:
 - Render all originating water sources at the facility free of all fish and enclosed so as to prevent outside contamination by Myxobolus cerebralis.
 - Construct all rearing spaces and water conveyances of concrete, fiberglass, steel, or other manufactured impermeable materials that are not conducive to colonization by the alternate oligochaete host(s) of Myxobolus cerebralis.
 - 3. Completely purge all sediments from rearing spaces and water conveyances at least once every two months.
 - 4. After completion of steps 1 through 3, have the facility tested and found negative for *Myxobolus cerebralis*_according to the following procedures and schedule:
 - aaa. A minimum of three hundred rainbow trout at least four months of age shall be designated as the sentinel lot and must be individually marked by a state fish pathologist. These fish will then be placed in approved rearing spaces selected for optimal exposure, at which time the exposure period shall begin.
 - bbb. Fish shall be collected and tested for *Myxobolus cerebralis* by a qualified fish pathologist during two inspections. A minimum of sixty fish from the sentinel lot, still bearing the previously placed tags, shall be included in each sample. The inspections shall occur at least ten months and at least fourteen months after the exposure period begins if a Spore Concentration Technique (SCT) is used. The testing shall occur at least 8 months and at least 12 months after the exposure period begins if Polymerase Chain Reaction (PCR) is used as the testing technique. The time frame for such testing by PCR may be shortened further if it is determined by the Director after consultation with the Fish Health Board that an additional reduction of the time frame for testing would present a negligible risk of not detecting the presence of *Myxobolus cerebralis*, after consideration of the following criteria:
 - 1. Water supply(s).
 - 2. Distance between water supply(s) and rearing spaces.
 - 3. Nature of connecting pipes and conveyances.
 - 4. Possibility of fish entering and exiting in water supply lines.
 - 5. Nature and construction of rearing spaces.

- bb. Method 2 Testing for Myxobolus cerebralis_with partial or no facility modification.
 - 1. A minimum of three hundred rainbow trout at least four months of age shall be designated as a sentinel lot, and must be individually marked by a qualified fish pathologist. These fish will then be placed in approved rearing spaces selected for optimal exposure to *Myxobolus cerebralis*, at which time the exposure period shall begin.
 - 2. Fish shall be collected and tested for *Myxobolus cerebralis* by a qualified fish pathologist during four inspections. A minimum of sixty fish from the sentinel lots, still bearing the previously placed tags, shall be included in each sample. The inspections shall occur at least ten, fourteen, twenty-four, and twenty-eight months if SCT is used, or at least eight, twelve, twenty, and twenty-four months if a PCR is used as the testing technique after the exposure period begins. A second sentinel lot will be placed in the same rearing spaces after collection of the fourteen month sample for SCT or twelve month sample for PCR. The time frame for testing by PCR may be shortened further if it is determined by the Director that an additional reduction of the time frame for testing would present a negligible risk of not detecting the presence of *Myxobolus cerebralis* after consideration of the following criteria:
 - aaa. Water supply(s).
 - bbb. Distance between water supply(s) and rearing spaces.
 - ccc. Nature of connecting pipes and conveyances.
 - ddd. Possibility of fish entering and exiting in water supply lines.
 - eee. Nature and construction of rearing spaces.
 - fff. Nature and reliability of treatment technology.
 - ggg. System redundancy and back-up power supply.
 - 3. Sampling in these inspections will be conducted at a minimum assumed prevalence level of five percent at the ninety-five percent level of confidence per lot at least eight months old; and at a minimum assumed prevalence level of two percent at the ninety five percent level of confidence for the facility as a whole.
- cc. Upon satisfactory completion of the requirements under either Method I or Method II, the State Fish Pathologist shall provide certification of negative *Myxobolus cerebralis* status.

ARTICLE XI - SPECIAL RESTRICTIONS

#020 -

A. Most restrictive Federal or State law - In all cases of licensing, taking, possession, importation, exportation, release, marking and sale of any wildlife, irrespective of current status (threatened, endangered, game or nongame), the most restrictive state or federal regulation shall apply by species.

- B. Live Capture Common snapping turtles may be taken in any number and maintained alive.
- C. Tagging and carcass tag requirements.
 - 1. A carcass tag is required for all big game and for turkey.
 - 2. When any person kills a wildlife species for which a carcass tag is required such person must immediately void the carcass tag by signing, dating and detaching it. Such tag must be attached to the carcass immediately prior to and during transportation in any vehicle or while in camp or at a residence or other place of storage. Such tag, when so dated, signed and attached to the species lawfully taken or killed and lawfully in possession, authorizes the possession, use, storage, and transportation of the carcass, or any part thereof.
 - 3. If the carcass tag and/or license are inadvertently or accidentally detached, lost or destroyed, the licensee must obtain a duplicate carcass tag and/or license before he can lawfully hunt with such license. The duplicate carcass tag may be obtained upon furnishing satisfactory proof as to the inadvertent or accidental nature of detachment, loss, or destruction to the Division.

D. Waste of Wildlife

- 1. Except for furbearers, Terrestrial Invasive Species listed in Commission Regulation #002(K)(1), wildlife listed in Commission Regulation #300(A)(3), or any wildlife taken under the authority of §33-6-107(9), C.R.S., all edible portions of game wildlife taken under the authority of a license shall be properly prepared to provide for human consumption. For the purpose of this restriction edible portions shall not include internal organs.
- Any consumption or spoilage of game wildlife by a falconry raptor upon the raptor's capture of the game wildlife shall not be considered waste of wildlife, provided the falconer makes a reasonable and timely attempt to retrieve the game wildlife and prepare some remaining edible portion for human consumption.

E. Closures

- Federal fish hatcheries and rearing units except that persons designated by the United States Fish and Wildlife Service may take fish or amphibians within the boundaries of said hatcheries or rearing units.
- 2. Except as otherwise provided in these regulations all Division hatcheries, rearing units and holding basins shall be closed to the taking of fish and amphibians.
- 3. State Refuges, Parks and Monuments Public access to any refuge, park or monument, the jurisdiction over which is by law given to any federal or state agency or municipality, may be limited by order of said agency or municipality to the same extent as if said agency or municipality were a private person.
- 4. Hunting with rifles, handguns or shotguns firing a single slug, or archery equipment is prohibited within an area fifty (50) feet on each side of the center line of any state highway or municipal or county road as designated by the county. In the case of a divided road or highway this shall include the entire median area and the fifty (50) feet shall be measured from the center line of both roads.
- 5. Hunting is prohibited on Mt. Evans Summit Lake cirque, and within 1/2 (one-half) mile of either side of the centerline of Mt. Evans Highway (Colo 5) while the road is open to motor vehicle traffic, from its intersection with Colo 103 to the summit of Mt. Evans. When Colo 5 is closed to motor vehicle traffic, this hunting closure is lifted, except that

the closure will remain in place year-round for ptarmigan hunting. (Information note: maps are available from the Division, Northeast Region Office, 6060 Broadway, Denver, Colorado 80216.)

6. All lands in the Gore Creek Drainage south of I-70 from Lions Head Ski Lift at Vail to the intersection of I-70 and US 24, and all lands on the north side and within one-half (1/2) mile of I-70 between the intersection of I-70 and US 24 shall be closed to all hunting during the regular rifle deer and elk seasons each year.

F. Director's Authority

1. The Director of the Division may establish and enforce temporary closures of, or restrictions on, lands and waters of the state to hunting, fishing or other wildlife-related recreation, including but not limited to the collection of shed antlers, for a period not to exceed 9 months. Such temporary closures may be established and enforced only where necessary to protect public safety, protect threatened or endangered wildlife species, protect wildlife resources from significant natural or manmade threats, such as the introduction or spread of disease or nuisance species, changing environmental conditions or other similar threats, protect time-sensitive wildlife use of lands or waters, protect against additional and significant environmental damage after an area has sustained a natural or manmade disaster, or to facilitate Division-sponsored wildlife research projects or management activities. Whenever such closure is established, public notice of the closure shall be given, including the posting of the lands and waters affected, indicating the nature and purpose of the closure. Upon posting, it shall be unlawful to hunt, fish or engage in any other designated wildlife-related recreation on such lands or waters or enter the lands or waters for the purpose of hunting, fishing or any other designated wildlife-related recreation.

G. Incorporated References

 Materials incorporated by reference in these regulations only include the edition of the material specifically identified by date in the incorporation by reference. The incorporation by reference does not include later amendments to, or editions of, the incorporated materials. Information regarding how and where the incorporated materials may be examined, or copies obtained, is available from:

Regulations Manager Policy and Planning Unit Colorado Division of Parks and Wildlife 1313 Sherman Street Denver, Colorado 80203

2. In addition, materials incorporated by reference in these regulations are maintained by, and available for examination at, any state publications depository library.

H. Possession of Edible and Non-edible Portions of Mountain Lions and Bears

The possession of the carcass, hide, skull, claws, or any part of any bear or lion is prohibited unless the animal was taken by a licensed hunter during an established hunting season or unless specifically authorized by the Division.

Chronic Wasting Disease Reporting

Chronic Wasting Disease (CWD) is classified as a disease which, whenever detected in the wild or in a commercial park, must be reported to the Colorado Division of Parks and Wildlife Veterinarian, 317 W. Prospect, Ft. Collins 80526, within 24 hours of the receipt of any CWD positive test result. As a condition of issuance of a license or permit, any hunter, commercial park licensee, other license holder or permittee of the Division, or any member

of the public who submits a deer or elk head for CWD testing grants consent for the lab to report the test results to the Division. A written copy of the test report shall be provided to the Division at the above address within 10 days of test completion, either by the lab or by the person who submits the sample.

J. Electronic Ignition Muzzle Loaders

It is unlawful for any person, except a person authorized by law or by the division, to possess or have under his control a loaded electronic-ignition muzzle loader in or on any motor vehicle unless the chamber of such firearm is unloaded or unless the battery is disconnected and removed from its compartment.

#024 - BIGHORN SHEEP UNIT BOUNDARY DESCRIPTIONS

UNIT S01

Poudre River - That portion of Larimer Co bounded on the north by Larimer
Co Rd 80C and Deadman-Red Feather Rd; on the east by Larimer Co Rd 68C
(Boy Scout Ranch Road) and Elkhorn Creek; on the south by Colo 14; and on the west by the Laramie River Rd.

UNIT S02

Gore-Eagles Nest - Those portions of Eagle and Summit counties bounded on the north by Elk Creek to Piney Ridge, Eagles Nest Wilderness boundary, Elliott Ridge/Arapaho/White River National Forest boundary, the North Fork of Elliott Creek, Hoagland Reservoir and Elliott Creek; on the east by the Blue River, on the south by I-70 and on the west by Colo 131 and the Colorado River from State Bridge to Elk Creek.

UNIT S03 **Mount Evans** - Those portions of Clear Creek, Jefferson and Park counties bounded on the north by I-70; on the east by Colo 74; on the south by Bear Creek, Beartrack Creek, Tumbling Creek, a line from the head of Tumbling Creek to the junction of USFS Trails 603 and 602; USFS Trail 603, and the boundary between the Pike and Arapaho National Forests; and on the west by the Continental Divide.

UNIT S04

Grant - Those portions of Clear Creek, Park and Jefferson counties bounded on the north by the north boundary of the Pike National Forest, USFS Trail 603, a line from the junctions of USFS Trails 603 and 602 to the head of Tumbling Creek, Tumbling Creek, Beartrack Creek, and Bear Creek; on the east by Co Rd 73; on the east and south by US 285; on the south by the North Fork of the South Platte River; and on the west by the Continental Divide.

UNIT S05

Beaver Creek - Those portions of El Paso, Fremont and Teller counties bounded on the north by the Gold Camp Rd and Rock Creek; on the east by Colo 115; on the south by US 50; and on the west by Freemont Co. Rd 67 and Teller Co. Rd 86 (Phantom Canyon Road), Teller Co. Rd 861 (Skaguay Road) and 81 (Lazy S Ranch Road)..

UNIT S06 **Pikes Peak** - Those portions of Teller and El Paso counties bounded on the north by US 24; on the east by I-25 and Colo 115; on the south by the Gold Camp Rd and Rock Creek; and on the west by Colo 67.

UNIT S07 Arkansas River - That portion of Fremont Co bounded on the north by Fremont Co Rd 2; on the east by Colo 9; on the south by US 50; and on the west Fremont Co Rd 12.

UNIT S08

Huerfano - Those portions of Huerfano and Alamosa counties bounded on the north by Sixmile Lane, USFS Trail 883, USFS 583 (Mosca Pass) and Huerfano Co Rds 583, 581, 580 and 550; on the east by Huerfano Co Rds 570 and 572 (Pass Creek Rd); on the south by the Huerfano-Costilla and Costilla-Alamosa

Co lines and US 160; and on the west by Colo 17.

UNIT S09 Sangre de Cristo - Those portions of Alamosa, Saguache, Custer and Huerfano counties bounded on the north by Saguache Co Rd LL 57, USFS Rd 970 (Hayden Pass Rd), and the Fremont-Saguache and Fremont-Custer Co lines; on the east by Colo 69; on the south by Huerfano Co Rds 550, 580, 581 and 583, USFS Rd 583 (Mosca Pass), USFS Trail 883, and Sixmile Lane; and on the west by Colo 17 and US 285.

UNIT S10 **Trickle Mountain** - Those portions of Saguache, Chaffee and Gunnison counties bounded on the north by US 50 and the Marshall Pass Rd (USFS Rd 243); on the east by US 285; on the south by Colo 114; and on the west by USFS Rd 803 (Meyer's G. and Gismo Creek Rd), Razor Creek and Saguache Co Rd 14-PP and Gunnison Co Rd 45 (Doyleville Cut-off Rd).

UNIT S11 Collegiate North - Those portions of Lake, Chaffee, Pitkin and Gunnison counties bounded on the north by Colo 82; on the east by US 24; on the south by Chaffee Co Rd 306 and Cottonwood Pass Rd (USFS Rd 209); and on the west by the Taylor River, the North Fork Taylor River, USFS Trail 761 and USFS Rd 123.

UNIT S12 **Buffalo Peaks** - Those portions of Lake, Chaffee and Park counties bounded on the north by the Continental Divide; on the east by Colo 9 and US 285; on the south by US 285; and on the west by US 24.

UNIT S13

Snowmass East - That portion of Pitkin Co bounded on the north and east by the Roaring Fork River, USFS Rd 123 and Co Rd 15A (Richmond Hill Rd); on the south by 761.1D (Taylor River Head Rd), USFS Trail 400 (Brush Creek Trail), USFS Rd 738.2B (East Brush Creek Rd), and USFS/Gunnison Co Rd 738 (Brush Creek Rd); and on the west by Colo 135, Gunnison Co Rd 317 (Gothic Rd), Crystal River-Gunnison River divide, Roaring Fork River-Crystal River divide and Capitol Creek.

UNIT S14 Clinetop Mesa - That portion of Garfield Co bounded on the north by the White River-Colorado River divide; on the east by Canyon Creek; on the south by I-70; and on the west by Colo 13, Rifle Creek, West Rifle Creek and Mullen Gulch.

UNIT S15

Sheep Mountain - Those portions of Hinsdale, Mineral and Rio Grande counties bounded on the north by the Rio Grande River; on the east by Colo 149, US 160 and the Continental Divide; on the south by USFS 667, the Mineral-Archuleta and the Hinsdale-Archuleta Co lines; and on the west by the Piedra River, Middle Fork of the Piedra River, Middle Trout Creek, West Trout Creek, and Trout Creek.

UNIT S16 Cimarrona Peak - Those portions of Hinsdale and Mineral counties bounded on the north by the Rio Grande River; on the east by Trout Creek, West Trout Creek, and Middle Fork of Trout Creek, the Middle Fork of the Piedra River and the Piedra River; on the south by the Hinsdale/Archuleta county line; and on the west by Weminuche Creek, USFS Trail 539, the Los Pinos River, and North Fork Pinos River and the Rio Grande Reservoir/Squaw Creek Divide.

UNIT S17 Collegiate South - Those portions of Chaffee and Gunnison counties bounded on the north by Chaffee Co Rd 306 (Cottonwood Creek Rd) and Cottonwood Pass Rd (USFS Rd 209); on the east by US 24 and 285; on the south by US 50; and on the west by the Gunnison-Chaffee Co line, Middle Willow Creek, Willow Creek, and the Taylor River.

- UNIT S18 Rawah Those portions of Larimer and Jackson counties bounded on the north by the Wyoming state line; on the east by Larimer Co Rd 103 (Laramie River Rd); on the south by Colo 14; and on the west by Colo 125 and Colo127.
- UNIT S19

 Never Summer Range Those portions of Larimer, Jackson and Grand counties bounded on the north by Colo 14; on the east by Larimer Co Rd 63E (Pingree Park Rd), Larimer County RD 44H (Buckhorn Rd), the divide between Pennock Creek and Elk Creek, USFS Trails 928 (Signal Mountain Trail), and 980 (Stormy Peaks Trail); on the south by the Rocky Mountain National Park boundary, USFS Rds 120.4 (North Supply Jeep Rd), and 120 (Kawuneechee Rd), the North Supply Trail, USFS Trail 118 (Blue Ridge Trail), the Lost Lake Trail, USFS Rd 107 (Lost Lake Rd); and on the west by Colo 125 and Jackson Co Rd 27 (Rand-Gould Rd).
- UNIT S20 Marshall Pass Those portions of Gunnison, Chaffee and Saguache counties bounded on the north by US 50; on the east by US 285; and on the south by Marshall Pass Rd; and on the west by US 50.
- UNIT S21 Cow Creek, Wetterhorn Peak Those portions of Ouray, Gunnison, San Miguel and Hinsdale counties bounded on the north by Colo 62, US 550, the Ouray-Montrose Co line and Ouray-Gunnison Co line to the Uncompahgre National Forest line, and the Uncompahgre NF line to Big Blue Creek; on the east and south by Big Blue Creek to Uncompahgre Peak, the Uncompahgre-Animas River divide, the Ouray-Hinsdale Co line, Engineer Mountain, the Uncompahgre-Lake Fork-Animas River divide, the San Miguel-San Juan and San Miguel-Dolores Co lines, and Lizard Head Pass; and on the west by Colo 145 and US 62.
- UNIT S22

 San Luis Peak Those portions of Hinsdale, Mineral and Saguache counties bounded on the north by USFS Rd 788, Hinsdale Co Rds 5, 15, and 45, Saguache Co Rd KK-14 and NN-14; on the east by the Continental Divide, USFS Rd 787, and the La Garita Wilderness Boundary; on the south by USFS Trail 787 (La Garita Stock Driveway), USFS Rd 504, and Colo 149; and on the west by USFS Rd 507, USFS Trails 803, 787 and 473, and Colo 149.
- UNIT S23 **Kenosha** Those portions of Park and Jefferson counties bounded on the north by US 285; on the north and east by Park Co Rd 68, USFS Rds 543 and 560; on the south by USFS Rd 545, USFS Trail 609, Park Co Rd 56 and USFS Rd 56 (Lost Park Rd); and on the west by US 285.
- UNIT S24

 Battlement Mesa Those portions of Garfield and Mesa counties bounded on the north by the Colorado River and I-70; on the east and south by the Garfield Co Rds 331 and 342, Mesa Co Rd 330E, Colo 330 and Colo 65; and on the west by the Colorado River.
- UNIT S25 **Snowmass West** Those portions of Pitkin, Gunnison and Eagle counties bounded on the north by the Roaring Fork River; on the east by Capitol Creek and the Roaring Fork River-Crystal River divide; on the south by the Crystal River-Gunnison River divide; and on the west by the Crystal River-Gunnison River divide and Colo 133.
- UNIT S26

 Taylor River That portion of Gunnison Co bounded on the north by USFS/Gunnison Co Rd 738 (Brush Creek Rd), USFS Rd 738.2B (East Brush Creek Rd), USFS Trail 400 (Brush Creek Trail), 761.1D (Taylor River Head Rd); on the east by USFS Rd 761 (Taylor Pass Rd), North Fork of Taylor River, Taylor River, Willow Creek, Middle Willow Creek, and Cumberland Pass Rd; on the south by the New Mexico Principal Meridian/6th Principal Meridian divide, the western Fossil Ridge Wilderness boundary and Lost Canyon Rd; and on

the west by Colo 135.

- UNIT S27 Tarryall Those portions of Park and Jefferson counties bounded on the north by Park Co Rd 56, USFS Rd 56 (Lost Park Rd), USFS Trail 609, and USFS Rd 560; on the east by USFS Rd 211 (Matukat Rd.), Park Co Rd 77, US 24; on the south by the South Platte River, Park Co Rds 59, 592, and 23, USFS 234 and Park Co Rd 77; and on the west by US 285.
- UNIT S28

 Vallecito Those portions of Hinsdale, La Plata and San Juan counties bounded on the north by the Continental Divide; on the east by the North Fork Los Pinos River, Los Pinos River, USFS Trail 539 from Divide Lakes, and Weminuche Creek; on the south by the Hinsdale-Archuleta County line, East Creek and the Los Pinos River; and on the west by Vallecito Reservoir (east shoreline)and Vallecito Creek.
- UNIT S29 Alamosa Canyon Those portions of Conejos, Mineral and Rio Grande counties bounded on the north by US 160; on the east by Colo 15; on the south by USFS Rds 255, 240, and 259, USFS Trail 706, USFS Rds 260, 250 and 380; and on the west by the Continental Divide.
- UNIT S30 Conejos River Those portions of Conejos, Archuleta, Mineral and Rio Grande counties bounded on the north by USFS Rds 380, 250, and 260, USFS Trail 706, USFS Rds 259, 240 and 255, and Colo 15; on the east by US 285; on the south by the Colorado-New Mexico state line and the USFS Rio Grande National Forest boundary; and on the west by the Continental Divide.
- UNIT S31 Blanca River Those portions of Archuleta, Conejos and Rio Grande counties bounded on the north by the Mineral-Archuleta County line and USFS Rd 667; on the east by the Continental Divide; on the south by the Colorado-New Mexico state line; and on the west by US 84 and US 160.
- UNIT S32 Georgetown Those portions of Clear Creek, Jefferson, Gilpin, and Boulder counties bounded on the north and east by USFS 149 (Rollins Pass Rd), Gilpin Co Rd 16 (Tolland Rd), Colo 119, and Colo 72; on the south by I-70; and on the west by the Continental Divide.
- UNIT S33

 Lake Fork/Pole Mountain Those portions of Hinsdale and San Juan counties bounded on the north by the Gunnison-Hinsdale County line; on the east by Colo 149; on the south by North Clear Creek, USFS Trail 821 from North Clear Creek to Lost Trail Creek, and Lost Trail Creek; on the south by the Rio Grande River, Stoney Gulch, Cunningham Creek and Colo 110; and on the west by US 550, the Ouray-San Juan County line, the Uncompander-Upper Gunnison River Divide and Big Blue Creek.
- UNIT S34 Rampart Range Those portions of El Paso and Teller counties bounded on the north by USFS Rds 393, 300 and 320; on the east by I-25; and on the south and west by US 24 to Woodland Park.
- UNIT S35 **Greenhorns** Those portions of Pueblo, Huerfano and Custer counties bounded on the north by Colo 96; on the east by I-25; on the south by the Huerfano River; and on the south and west by Colo 69.
- UNIT S36

 Bellows Creek Those portions of Mineral, Rio Grande and Saguache counties bounded on the north by USFS Trail 787; on the east by the Mineral/Saguache county line and an all-terrain vehicle trail also known as the La Garita Stock Driveway, USFS Rd 630 and Rio Grande Co Rds 15 and 18; on the south by US 160 and the Rio Grande River; and on the west by Colo 149 and USFS Rd 504.

- UNIT S37

 St Vrain Those portions of Boulder, Grand and Larimer counties bounded on the north and east by the Rocky Mountain National Park boundary and US 36; on the south by Boulder Co Rds 94, 81, 106, and 95 (Lefthand Canyon Dr), Colo 72 (Peak to Peak Highway), Boulder Co Rd 102 (Brainard Lake Rd), USFS Trail 907 (Pawnee Pass Trail) and USFS Trail 1 (Cascade Creek Trail); and on the west by USFS Rd 125, USFS Trail 102 (Knight Ridge Trail), and the Rocky Mountain National Park boundary.
- UNIT S38 Apishapa Those portions of Huerfano, Pueblo, Otero and Las Animas counties bounded on the north by Colo 10, and US 50; on the east and south by US 350; and on the west by I-25.
- UNIT S39 Mount Silverheels Those portions of Park and Summit counties bounded on the north by the Swan River Rd (Summit Co Rd 6), USFS Rd 6, the Continental Divide and the North Fork of the South Platte River; on the east by US 285, Park Co Rds 77 and 23 (Turner Gulch Rd or USFS Rd 234); on the south by US 24; and on the west by US 285 and Colo 9.
- UNIT S40

 Lone Pine That portion of Larimer Co bounded on the north by Larimer Co Rds 80C and 59 (Cherokee Park Rd), the Wyoming state line; on the east by Larimer Co Rd 37, South Branch Boxelder Creek, Boxelder Creek, Larimer Co Rd 19; on the south by Larimer Co Rd 80, and US 287; and on the south and west by Larimer Co Rds 74E and 162 (Red Feather Lakes-Deadman Rd).
- UNIT S41 **Peru Creek** That portion of Summit Co bounded on the north by I-70; on east by the Continental Divide; on the south by the Swan River Rd (Summit Co Rd 6) and USFS Rd 6; and on the west by Colo 9 and US 6.
- UNIT S42 Waterton Canyon Those portions of Jefferson, Douglas, and Park counties bounded on the north by US 285; on the east by Colo 470, US 85, Colo 67, and USFS Rd 300 (Rampart Range Rd); on the south by USFS Trail 649, Colo 67, Jefferson Co Rd 126 (South Deckers Rd) and USFS Rd 211; and on the west by USFS Rds 560 and 543, and Park Co Rd 68.
- UNIT S43 **Hayman** Those portions of Park, Teller, Douglas, and Jefferson counties bounded on the north by USFS Rd 211 and Jefferson Co Rd 126 (South Deckers Rd); on the east by Colo 67 and Trout Creek; on the south by US 24; and on the west by the Park Co Rd 77 and USFS Rd 211 (Matakat Rd).
- UNIT S44

 Basalt Those portions of Garfield, Eagle and Pitkin counties bounded on the north by USFS Trail 514 (Red Tables Divide Rd) and USFS Trail 1870; on the east by the Crooked Creek Pass Rd (USFS Rd 400); on the south by the Fryingpan River and the Roaring Fork River; and on the west by Garfield Co Rd 100, and the Cottonwood Pass Rd.
- UNIT S45 **Cross Mountain** That portion of Moffat Co bounded on the north and east by Colo 318; on the east and south by US 40; and on the west by the Lilly Park Rd and the Little Snake River.
- UNIT S46 **Dome Rock** That portion of Teller Co bounded on the north by US 24; on the east and south by Colo 67; and on the west by Teller Co Rd 1.
- UNIT S47 **Browns Canyon** Those portions of Chaffee, Fremont and Park counties bounded on the north by US 24; on the east by Kaufman Ridge, Badger Creek, and Fremont Co Rds 2 and 12; and on the south by the Arkansas River and South Arkansas River; and on the west by US 285 and 24.

- UNIT S48 Carrizo Canyon Those portions of Baca and Las Animas counties bounded on the north by US 160; on the east by Baca Co Rd 13 (Pritchett Grade Rd); on the south by the Colorado-New Mexico state line; and on the west by Colo 389.
- UNIT S49

 Grape Creek\Copper Ridge Those portions of Custer and Fremont counties bounded on the north by the Arkansas River, the Fremont Co Rd 12 Bridge, and US 50; on the east by Colo 67; on the south by Colo 96; and on the west by Colo 69, Fremont-Custer and Fremont-Saguache Co lines, USFS Rd 6 (Hayden Pass Rd), and Fremont Co Rd 6.
- UNIT S50 **Mount Mestas** Those portions of Huerfano and Costilla counties bounded on the north by Huerfano Co Rd 550, Colo 69 and the Huerfano River; on the east by I-25; on the south by US 160; and on the west by the Pass Creek Rd.
- UNIT S51 Spanish Peaks Those portions of Huerfano, Costilla and Las Animas counties bounded on the north by US 160; on the east by I-25; on the south by the Colorado-New Mexico state line; and on the west by the Huerfano-Costilla Co line and farther south by the Southern Sangre de Cristo Divide (Culebra mountain range).
- UNIT S52

 Rock Creek Those portions of Gunnison, Saguache and Hinsdale counties bounded on the north by BLM Rds 3035, 3036 (Cebolla Creek Rd) 3047 (Huntsman Gulch Rd) and 3043; on the east by USFS Rd 806; on the south by USFS Rd 788 (Los Pinos Pass Rd) , Saguache Co Rd KK-14, Hinsdale Co Rds 45, 15 and 5; and on the south and west by the Powder Horn Primitive Area boundary, USFS Trail 462, the East Fork of Powderhorn Creek, and Powderhorn Creek.
- UNIT S53

 Bristol Head Those portions of Mineral and Hinsdale counties bounded on the north by North Clear Creek, Colo 149, and USFS Trails 473 and 787; on the east by USFS Trail 803 and USFS Rd 507; on the south by Colo 149, and the Rio Grande River; and on the west by Lost Trail Creek.
- UNIT S54 **Dillon Mesa** That portion of Gunnison Co bounded on the north by Gunnison Co Rd 12; on the east by Colo 135; on the south by US 50, the Gunnison River, Blue Mesa Reservoir, and Colo 92; and on the west by Curecanti Creek, Curecanti Pass, and Coal Creek.
- UNIT S55

 Natural Arch-Carnero Creek Those portions of Rio Grande and Saguache counties bounded on the north by Colo 114; on the east by US 285; on the south by Colo 112 and US 160; and on the west by Rio Grande Co Rds 18 and 15, USFS Rd 630, and USFS Trail 787, the all terrain vehicle trail also known as the La Garita Driveway, La Garita Wilderness Area boundary, USFS Rd 787 and the Continental Divide.
- UNIT S56 **Black Ridge** That portion of Mesa Co bounded on the north by the Colorado River and US 50; on the east by US 50; on the east and south by Colo 141 and the Dolores River; and on the west by the Colorado-Utah state line.
- UNIT S57

 Big Thompson Those portions of Larimer and Boulder counties bounded on the north by Larimer Co Rd 44H (Buckhorn Rd), Stove Prairie Rd (Larimer Co Rd 27), Larimer Co Rds 52E (Rist Canyon Rd) and 54G; on the east by US 287; on the south by Colo 66 and US 36; and on the west by the Rocky Mountain National Park boundary, USFS Trails 980 (Stormy Peaks Trail), and 928 (Signal Mountain Trail) and the divide between Pennock Creek and Elk Creek.
- UNIT S58 Lower Poudre That portion of Larimer Co bounded on the north by Larimer

Co Rd 74E (the Red Feather Lakes Rd) on the east by US 287 and Larimer Co Rd 54G; on the south by Larimer Co Rd 52E (Rist Canyon Rd), Stove Prairie Rd (Larimer Co Rd 27), and Larimer Co Rd 44H (Buckhorn Rd); and on the west by Larimer Co Rd 63E (Pingree Park Rd), Colo 14, Elkhorn Creek, and Larimer Co Rd 68 (Boy Scout Ranch Rd).

UNIT S59

Derby Creek - Those portions of Rio Blanco, Routt, Eagle and Garfield counties bounded on the north by USFS Trails 1103, 1116 and 1117, USFS Rds 959 and 16, Routt Co Rds 132 and 15; on the east by Colorado Colo 131; on the south by the Eagle River, the Colorado River and Deep Creek; and on the west by the Colorado River-White River divide, and the White River-Yampa

River divide.

- UNIT S60 Shelf Rd Those portions of Teller, Fremont and Park counties bounded on the north by Park Co Rds 59 and 102 and Teller Co Rds 112, 11, and 1; on the east by Colo 67, Teller Co Rd 86 and Fremont Co Rd 67; on the south by US 50; and on the west by Colo 9.
- UNIT S61 **Purgatory Canyon** Those portions of Otero, Bent and Las Animas counties bounded on the north by US 50; on the east by Colo 109; on the south by US 160; and on the west by US 350.
- UNIT S62 **Dominguez Creek** Those portions of Delta, Mesa, Montrose and Ouray counties bounded on the north by Colo 141; on the east by Colo 50; on the south by Colo 90; and on the west by USFS Rd 402 (Divide Rd).
- UNIT S63 Middle Dolores River Those portions of Montrose and San Miguel counties bounded on the north by Colo 90; on the east by Monogram Mesa Rd (Montrose Co Rd DD 19 and San Miguel Co Rds 18Y, U29 and 25R); on the south by Colo 141, and the Big Gypsum Valley Rd (San Miguel Co Rd 20R, Dolores River and McIntyre Canyon); and on the west by the Colorado-Utah state line.
- UNIT S64

 Upper Dolores River Those portions of San Miguel, Dolores and Montezuma counties bounded on the north by McIntyre Canyon, Dolores River, San Miguel Co Rd 20.R (Big Gypsum Valley Rd), Colo 141 and Disappointment Valley Rd (San Miguel Co Rd 19.Q and Dolores Co Rd D.00); on the east by USFS Rd 526 (Norwood-Dolores Rd) and Colo 145; on the south by Colo 184 and US 491; and on the west by the Colorado-Utah state line.
- UNIT S65: Costilla That portion of Costilla Co bounded on the north by the Alamosa-Costilla and Huerfano-Costilla Co lines; on the east by the Huerfano-Costilla Co line and farther south by the southern Sangre de Cristo Divide (Culebra Mountain Range); on the south by the Colorado-New Mexico state line; and on the west by Colo 159 and US 160.
- UNIT S66

 Mount Elbert That portion of Lake and Pitkin counties bounded on the north by the North Fork Fryingpan River, and Mormon Creek and the Continental Divide; on the east by US 24; on the south by Colo 82; and on the west by Lost Man Creek, over ridge from Lost Man Creek to South Fork Fryingpan River, South Fork Friyingpan River, and Fryingpan River.
- UNIT S67 Flattops Those portions of Rio Blanco and Garfield counties bounded on the north by the Williams Fork River-White River divide; on the east by the White River-Yampa River divide and the White River-Colorado River divide; on the south by the South Fork of the White River-Colorado River divide; and on the west by USFS Rd 245, Rio Blanco Co Rds 17 (Buford-Newcastle Rd) and 8, and USFS Rd 250.

- UNIT S68

 Northern Sangre de Cristos Those portions of Chaffee, Fremont and Saguache counties bounded on the north by the South Arkansas River and the Arkansas River; on the east by Fremont Co Rd 6 and USFS Rd 6 (Hayden Pass Rd); on the south by the Fremont-Custer and Fremont-Saguache Co lines, USFS Rd 970 (Hayden Pass Rd), and Saguache Co Rd LL 57; and on the west by US 285.
- UNIT S69

 Cochetopa Those portions of Gunnison and Saguache counties bounded on the north by the Gunnison River and US 50, on the east by Gunnison Co Rd 45 and Saguache Co Rd 14-PP (Doyleville Cut-off Road), Razor Creek and USFS Rd 803 (Gismo Creek and Meyer's Gulch Rd), Colo 114 and the Continental Divide; on the south by Saguache Co Rds NN-14 and KK-14; and on the west by USFS Rd 806 and South Beaver Creek.
- UNIT S70

 Fossil Ridge That portion of Gunnison Co bounded on the north by the New Mexico Principal Meridian/6th Principal Meridian divide; on the east by USFS Rd 765, Gunnison Co Rd 76, USFS Rd 763 (Waunita Pass Rd) and Gunnison Co Rd 887 (Waunita Hot Springs Rd); on the south by US 50; and on the west by Gunnison Co Rd 76, BLM Rd 3103 (North Parlin Flats), USFS Rd 583 and the western Fossil Ridge Wilderness boundary.
- UNIT S71 West Needles Those portions of San Juan and La Plata counties bounded on the north by the San Miguel-Ouray Co line, US 550, Colo 110, Cunningham Gulch, and the Continental Divide; on the east by Vallecito Creek and the Los Piños River; on the south by US 160; and on the west by the Montezuma-La Plata and Montezuma- Dolores Co lines.
- UNIT S72 **Greenland** That portion of Douglas Co bounded on the north by Wolfensberger Rd, Wilcox Street, and Colo 86; on the east by Colo 83; on the south by Palmer Divide Rd; and on the west by Colo 105.
- UNIT S73

 Mount Zirkel Those portions of Jackson and Routt counties bounded on the north by the Mount Zirkel Wilderness boundary, USFS Trail 1125, USFS Rd 660, and Big Creek Rd (USFS Rd 600); on the east by Jackson Co Rds 6W, 7, 12W, 18, and 5; on the south by Jackson Co Rd 24, and the Buffalo Pass Rd (USFS Rd 60); and on the west by the boundary of the Mount Zirkel Wilderness Area.
- UNIT S74 Glenwood Canyon Those portions of Garfield and Eagle counties bounded on the north by the South Fork White River-Colorado River Divide and Deep Creek; on the east and south by the Colorado River; and on the west by Canyon Creek.
- UNIT S75

 Main Canyon Those portions of Mesa, Garfield and Rio Blanco counties bounded on the north by the Colorado River-White River divide; on the east by the Roan Creek-Parachute Creek divide and Kelly Gulch; on the south by the Colorado River; and on the west by the Bookcliffs, the Little Salt Wash-Roan Creek divide, the Big Salt Wash-Roan Creek divide, and the East Salt Creek-Roan Creek divide.
- UNIT S76

 Holy Cross Those portions of Eagle and Pitkin counties bounded on the west and north by the Holy Cross Wilderness area, West Grouse Creek, and USFS Trail 2129 and USFS Rd 733; on the east by US 24; on the south by the Continental Divide; and on the west by the Fryingpan River-Eagle River divide.
- UNIT S77 **Gore Canyon** Those portions of Grand, Eagle, Summit and Routt counties bounded on the north by Colo 134; on the east by US 40, Colo 9 and the Blue

River; on the south by Elliott Creek, Hoagland Reservoir, the North Fork of Elliott Creek, Elliott Ridge/Arapaho/White River NF boundary, Eagles Nest Wilderness boundary, Piney Ridge, Elk Creek, and the Colorado River to State Bridge; and on the west by Colo 131.

- UNIT S78 **Ten Mile** Those portions of Summit and Eagle counties bounded on the north by Resolution Creek Road (USFS Rd 702), Resolution Creek, Ptarmigan Pass, Wilder Gulch and I-70; on the east by Colo 9; on the south by the Continental Divide; and on the west by US 24.
- UNIT S79 **Pueblo West** That portion of Pueblo and Fremont counties bounded on the north by US 50; on the east by Colo 45; on the south by Colo 96; and on the west by Colo 67.
- UNIT S80 **Black Canyon** Those portions of Delta, Gunnison, and Montrose counties bounded by the Gunnison Gorge National Conservation Area, Black Canyon of the Gunnison National Park, and Curecanti National Recreation Area south and west of Colo 92.
- UNIT S81 Lower Lake Fork, Gunnison River That portion of Gunnison Co bounded on the north by US 50 and Blue Mesa Reservoir; on the east by Colo 149; on the south by Colo 149; and on the southwest and west by Gunnison Co Rd 25.
- UNIT S82 **Cold Springs** That portion of Moffat Co bounded on the north by the Colorado-Wyoming state line; on the east by Moffat Co Rd 10N (Irish Canyon Rd), Colo 318 and Moffat Co Rd 10; on the south by Moffat Co Rd 34 and the Green River; and on the west by the Colorado-Utah state line.
- UNIT S83 **Rocky Mountain National Park** Those portions of Larimer, Boulder and Grand counties within the boundaries of Rocky Mountain National Park, except for Twin Sisters Mountain.
- UNIT S84 **Mesa Verde** That portion of Montezuma and La Plata counties bounded on the north by US 160; on the east by Colo 140; on the south by the Colorado-New Mexico state line; and on the west by US 491.
- UNIT S85 **Dinosaur Monument** That portion of Moffat Co bounded on the north by the Dinosaur National Monument boundary, the Green River and Moffat Co Rd 34; on the east and south by Dinosaur National Monument (containing the Green River); and on the west by the Colorado-Utah state line.

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Opinion of the Attorney General rendered in connection with the rules adopted by the

Colorado Parks and Wildlife (406 Series, Wildlife)

on 01/13/2016

2 CCR 406-0

CHAPTER W-0 - GENERAL PROVISIONS

The above-referenced rules were submitted to this office on 01/19/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 26, 2016 16:23:59

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Natural Resources

Agency

Colorado Parks and Wildlife (406 Series, Wildlife)

CCR number

2 CCR 406-2

Rule title

2 CCR 406-2 CHAPTER W-2 - BIG GAME 1 - eff 03/01/2016

Effective date

03/01/2016

FINAL REGULATIONS - CHAPTER W-2 - BIG GAME

ARTICLE I - GENERAL PROVISIONS

#200 - DEFINITIONS

See also §33-1-102 C.R.S. and Chapter 0 of these regulations for other applicable definitions.

- A. "Antlered" means any deer, elk, or moose with an antler or antlers of at least five (5) inches in length as measured on the outside curve of the antler from the skull to the tip.
- B. "Antlerless" means any deer, elk, or moose; including fawn deer and calf elk or moose; without antlers or with antlers of less than five (5) inches in length.
- C. "Antler Point" means a projection of the antler at least one (1) inch long and which is longer than the width of its base.

D. Bighorn Sheep:

- 1. "One-half (1/2) curl ram" means: A male sheep with a horn or horns that have one (1) or both tips grown at least through one-half (1/2) or 180 degrees of a circle to be measured by first establishing a reference line which bisects the eye and the base of the ear; and which has horn tips which have grown at least as far as the projection of this reference line.
- 2. "Three-quarter (3/4) curl ram" means: A male sheep with a horn or horns that have one or both tips grown at least through three-quarters (3/4) or 270 degrees of a circle to be measured by first establishing a reference line which bisects the eye and the base of the ear; then by establishing a line which intersects the reference line at the base of the ear, and is perpendicular thereto; and which has horn tips which have grown at least as far as the downward projection of the perpendicular line.
- 3. "Ewe" means: any female sheep having a horn or horns of at least five (5) inches in length as measured on the outside curve of the horn from the skull to the tip.
- E. "Brow tine" means a projection of the antler at least five (5) inches long located on the lower half of the antler.
- F. "Buck" means any pronghorn with a black cheek patch and a horn or horns of at least five (5) inches in length as measured on the outside curve of the horn from the skull to the tip, excluding any prong or point occurring between base (skull) and tip.
- G. "Doe" means any pronghorn; including fawn pronghorn; without horns, or with a horn or horns of less than five (5) inches in length.
- H. "Game Management Objectives" means specific data analysis unit (DAU) objectives relative to long- term population and/or sex ratio objectives.
- I. "Intermingled Lands" means lands where: 1) private land deeded to one landowner completely surrounds public land, or 2) public land is intermingled with private lands owned by a landowner where a quantified access component exists, the landowner possesses some ability to affect game management on the adjacent public land, and the issuance of licenses valid on both private and public lands would help to achieve game management objectives.

1

- J. "Habitat Evaluation Committee (HEC)" means local advisory committees established in units where the Wildlife Landowner Conservation pilot program is implemented.
- K. Definitions related to Landowner Preference Program.
 - 1. "Agricultural Land" means lands classified for the purposes of taxation as agricultural.
 - 2. "Broker" means for a third party to transfer a voucher for compensation or any other consideration, or otherwise arrange for such transfer, on behalf of the landowner, or land manager or on behalf of any individual.
 - 3. **"Land manager"** means an individual designated in writing by the landowner who is 1) a ranch manager, property manager, business partner, employee, or relative of the landowner who has control of the property or 2) a licensed outfitter or other individual who has entered into a written agreement with the landowner for control of the hunting operations on the property, and who has a working knowledge of the property, including but not limited to, boundaries and access points.
 - 4. **"Landowner**"- means a person that owns private agricultural land in Colorado, as shown by a recorded deed.
 - 5. "**Transfer**"- means to buy, sell, assign, trade, exchange, acquire or otherwise arrange to buy, sell, assign, trade, exchange, acquire or dispose of a voucher.
 - 6. "Immediate family"- means the landowner's spouse, parents, grandparent, children, grandchildren, and sibling including in-law and step relations.
 - 7. "Voucher"- means a document issued by the division, authorizing the landowner or any individual to whom the document is lawfully transferred to purchase a hunting license for the unit, species, sex and season printed on the document.
 - 8. **"Landowner Preference Program"** means the license preference program for owners of private agricultural land established by § 33-4-103, C.R.S., and any implementing regulations adopted pursuant thereto.

#201 - LICENSE FEES

A. Big Game License Fees

1. Nonresident Big Game Licenses

I In accordance with the provisions of §33-4-102, C.R.S., nonresident big game fees for the year 2015 shall be as follows:

Nonresident License Type	2015 License Fee	2016 Statutory Maximum License Fee*	2016 License Fee**
Pronghorn			
	\$370	\$375.05	\$375
Deer			
	\$370	\$375.05	\$375
Elk			
	\$615	\$625.08	\$625
Bear			
	\$615	\$625.08	\$625
Mountain lion			
	\$615	\$625.08	\$625

Moose			
	\$2,060	\$2,083.60	\$2,080
Mountain goat			
-	\$2,060	\$2,083.60	\$2,080
Rocky Mountain bighorn sheep			
	\$2,060	\$2,083.60	\$2,080
Desert bighorn sheep			
	\$1,375	\$1,389.07	\$1,385

^{*}Based on cumulative Consumer Price Index increase since 2000.

2. Nonresident License Fee Reduction:

In accordance with the provisions of §33-4-102, C.R.S., the following nonresident big game license fees shall be reduced to the fee specified herein, from the level set forth in §33-4-102, C.R.S.:

Nonresident License Type	2015 License Fee	2016 License Fee
Nonresident Bear	\$350.00	\$350.00
Nonresident Mountain Lion	\$350.00	\$350.00
Nonresident Antlerless Elk	\$460.00*	\$465.00*

Nonresident Antlerless Elk license fee is set at 75% of Elk Nonresident License Fee rounded down to the nearest \$5.00 increment, in whole numbers.

- B. Combination Big Game/Annual Fishing Licenses for Nonresidents
 - 1. Big game licenses issued to non-residents shall be issued as combination Big Game/Annual Fishing licenses, and for each such combination license purchased each year by a nonresident \$10 of the above license fee shall be allocated to the fishing portion of such combination license.

#202 - HUNTING HOURS

A. Big game may be taken from one-half (1/2) hour before sunrise to one-half (1/2) hour after sunset.

#203 - MANNER OF TAKE

See also #000 in Chapter 0 of these regulations for other applicable manner of take definitions.

- A. The following are legal methods of take for all species and seasons listed in this chapter, except as otherwise noted. Any method of take not listed herein shall be prohibited, except as otherwise provided by statute or these regulations:
 - 1. Rifles using center-fire cartridges of .24 caliber or larger, having expanding bullets of at least seventy (70) grains in weight, except for elk and moose where the minimum bullet

^{**}Adjusted after application of Consumer Price Index by rounding down to the nearest \$5.00 increment, in whole numbers.

a. All licenses sold through March 2016 shall be sold at 2015 license fees.

weight is eighty-five (85) grains, and with a rated impact energy one hundred (100) yards from the muzzle of at least one thousand (1000) foot pounds as determined by the manufacturer's rating, and except for mountain lion where any center-fire rifle using bullets of at least 45 grains and producing at least 400 foot pounds of energy at the muzzle may be used. Provided further that any semiautomatic rifle used shall not hold more than six (6) rounds in the magazine and chamber combined. A fully automatic rifle is prohibited.

- 2. Muzzle-loading rifles and smoothbore muskets, provided the minimum caliber shall be forty (.40) for all big game except elk and moose. The minimum caliber for elk and moose shall be fifty (.50). All muzzle-loading rifles and smoothbore muskets from forty (.40) caliber through fifty (.50) caliber must use a bullet of at least 170 grains in weight. All muzzle-loading rifles and smoothbore muskets greater than fifty (.50) caliber must use bullets of at least 210 grains in weight.
 - a. During the muzzle-loading firearms seasons for deer, elk, pronghorn, bear, and moose only lawful muzzle-loaders and smoothbore muskets may be used by muzzle-loading license holders.
 - b. During the muzzle-loading firearm seasons for deer, elk, pronghorn, bear, and moose the following additional restrictions apply:
 - 1. Propellent/Powders: The use of pelletized powder systems and smokeless powder are prohibited.
 - 2. Projectiles: Sabots are prohibited. For the purposes of this regulation cloth patches are not sabots.
 - 3. Loading: Firearms must load from the muzzle. Firearms which can be loaded from the breech are prohibited.
 - 4. Sights: Any muzzle-loading rifle or smoothbore musket with any sighting device other than open or "iron" sights is prohibited.
 - 5. Electronic or battery-powered devices cannot be incorporated into or attached to the muzzle-loading firearm.
- 3. Handheld bows, including compound bows, using arrows equipped with a broadhead with an outside diameter or width of at least 7/8ths of an inch with no less than two steel cutting edges. Each cutting edge must be in the same plane throughout the length of the cutting surface.
 - a. During the archery seasons for deer, elk, pronghorn, bear, sheep, goat, and moose, only lawful hand-held bows may be used by archery license holders.
 - b. Bows must have a minimum draw weight of 35 pounds. The let-off percentage shall not exceed 80%.
 - c. No portion of the bow's riser (handle) or any track, trough, channel, arrow rest or other device, excluding the cable(s) and bowstring, that attaches to the bow's riser can contact, support and/or guide the arrow from a point rearward of the bow's brace height.
 - d. Bows can propel only a single arrow at a time and no mechanism for automatically loading arrows is allowed.

- e. Equipment using scopes, electronic or battery-powered devices cannot be incorporated into or attached to the bow or arrow, with the exception of lighted nocks on arrows and recording devices on bows that cast no light towards the target and do not aid in range finding, sighting, or shooting the bow.
- f. Hydraulic or pneumatic technology cannot be used to derive or store energy to propel the arrow. Explosive arrows are prohibited.
- 4. Shotguns, no smaller than twenty (20) gauge and firing a single slug.
- 5. Crossbows, provided the minimum draw weight is at least one hundred twenty-five (125) pounds and has a minimum draw length of fourteen (14) inches as measured from the front of the bow to the nocking point of the draw string and contain a positive mechanical safety device. In addition, the bolt must be at least sixteen (16) inches in length equipped with a broadhead with an outside diameter or width of at least 7/8th of an inch with no less than two steel cutting edges and each cutting edge must be in the same plane throughout the length of the cutting surface.
 - a. Crossbows are not legal during the archery seasons for deer, elk, pronghorn, bear, sheep, goat, and moose.
- 6. Handguns, provided they have a minimum barrel length of four (4) inches and comply with the following criteria:
 - a. Except for mountain lion, use a .24 caliber or larger diameter expanding bullet with a rated impact energy of at least 550 ft. pounds at 50 yards as determined by the manufacturer.
 - b. For mountain lion only, use a centerfire handgun using bullets of at least 45 grains and producing at least 400 foot pounds of energy at the muzzle, as determined by the manufacturer.

#204 - VACANT

#205 - ANNUAL BAG LIMITS AND MAXIMUM NUMBERS OF LICENSES PER PERSON

A. Deer, elk, pronghorn, black bear, mountain lion, moose, rocky mountain bighorn sheep, and mountain goat

The annual bag and possession limit for deer, elk, pronghorn, black bear, mountain lion, rocky mountain bighorn sheep, and mountain goat shall be the total number of animals taken on all licenses which can be legally obtained by the hunter for each species during that license year, as established in the following lists. Big game taken during a hunting season established as a portion of the preceding license year's hunting seasons shall be counted as part of the preceding year's bag limit. When a license allows hunting in more than one Game Management Unit, the unit listed in the hunt code on the license shall determine the maximum number of annual licenses a license holder may obtain for that species.

Notwithstanding the ("List A," "List B," "List C") license categories set forth in this regulation, any license that is administratively converted to a private-land-only license as part of the Landowner Preference Program will retain the ("List A," "List B," "List C") status of its original hunt code.

1. Deer

a. One License - Any hunter may obtain one deer license.

- b. Two Licenses A hunter may obtain two deer licenses if at least one of them is:
 - 1. a private land only antlered license for GMUs 29, 38, 51, 391 and 461.
 - 2. a private land only antlerless license,
 - 3. an over-the-counter either-sex whitetail only license,
 - 4. an either-sex whitetail only license, except Ranching for Wildlife license, for GMUs 59, 69, 84, 581,
 - an antlerless whitetail only license, except Ranching for Wildlife license, or
 - 6. an antierless license, except for Ranching for Wildlife license, for GMUs 15, 18, 20, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 41, 42, 43, 44, 45, 47, 181, 361, 371, 421, 444, 471.
 - a license issued for hunt code DE089S2R or DE093S2R.
- Any Number of Licenses A hunter may also obtain any number of the following deer licenses:
 - 1. an auction license,
 - 2. a raffle license.
 - 3. a game damage license,
 - 4. a special population management license (except that a hunter may not purchase more than one extra antlerless Ranching for Wildlife license as provided in #271(A)(2)), a special allocation Ranching for Wildlife license for donation to youths or hunters with mobility impairments,
 - 5. a disease management license,
 - 6. a replacement license for an animal found CWD positive,
 - 7. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).
 - 8. a Youth Outreach license, as provided in #206(B)(4)(d).
 - a license issued for hunt code DF029P5R, DF056L1R, DF085P5R, DF089S2R, DF091S3R, DF092S3R, DF093S2R, DF096S3R, DF096S5R, DF101S2R, DF104L3R, or DF481L1R.

2. Elk

- a. One License Any hunter may obtain one elk license.
- b. Two Licenses A hunter may obtain two elk licenses if at least one of them is
 - 1. a private land only antlerless license,

- 2. an over the counter antlerless archery license,
- 3. an antlerless license, except for Ranching for Wildlife license, issued for GMUs 1, 2, 3, 4, 5, 6, 10, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 40, 41, 42, 43, 44, 45, 47, 50, 52, 54, 59, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171,181, 201, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 500, 501, 511, 512, 521, 581, 591, 682, 691, 791, 851, or 861,
- 4. a license issued for hunt code EE082P5R, EM682P5R, or EM682P6R.
- c. Any Number of Licenses A hunter may also obtain any number of the following elk licenses:
 - 1. antlerless private land only license for GMUs 391 or 461,
 - 2. any over the counter either-sex license, except archery license, issued for GMUs 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 129, 130, 132, 135, 136, 137, 138, 139, 143, 144, 145, 146, 147, or 951,
 - 3. a license issued for hunt code EF003E1R, EF020L3R, or EF128L1R,
 - 4. an auction license,
 - 5. a raffle license,
 - 6. a game damage license,
 - 7. a special population management license (except that a hunter may not purchase more than one extra antlerless Ranching for Wildlife license as provided in #271(A)(2)), a special allocation Ranching for Wildlife license for donation to youths or hunters with mobility impairments,
 - 8. a disease management license.
 - 9. a replacement license for an animal found CWD positive,
 - 10. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).
 - 11. a Youth Outreach license, as provided in #206(B)(4)(d).

3. Pronghorn

- a. One license Any hunter may obtain one pronghorn license.
- b. Two licenses A hunter may obtain two pronghorn licenses if at least one of them is:
 - 1. a private land only license,

- 2. a doe license, except for Ranching for Wildlife license, issued for GMUs 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 116, 117,118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146 or 147,
- c. Any Number of Licenses A hunter may also obtain any number of the following pronghorn licenses:
 - 1. an auction license,
 - 2. a raffle license,
 - 3. a game damage license, if available,
 - 4. a special population management license, a special allocation Ranching for Wildlife license for donation to youths or hunters with mobility impairments,
 - 5. a disease management license, if available,
 - 6. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).
 - 7. a Youth Outreach license, as provided in #206(B)(4)(d).

4. Bear

- a. One license Any hunter may obtain one bear license.
- b. Two licenses A hunter may obtain two bear licenses if at least one of them is a private land only license or a bear license in GMUs 35, 36, 43, 44, 45, 47, 361, 444, or 471.
- Any Number of Licenses A hunter may also obtain any number of the following bear licenses:
 - 1. a game damage license, if available,
 - 2. a disease management license, if available,
 - 3. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J),
 - 4. a special population management license, a special allocation Ranching for Wildlife license for donation to youths or hunters with mobility impairments.
 - 5. a license issued for hunt code BE087U5R,

5. Moose

a. One License - Any hunter may obtain one moose license. The lifetime bag limit for antlered moose is one, except when taken on an auction or raffle license.

Any person who harvests an antlered moose shall be ineligible to draw either an antlered or either-sex license.

- b. Any Number of Licenses A hunter may also obtain any number of the following moose licenses:
 - 1. an auction license,
 - 2. a raffle license,
 - 3. a game damage license, if available,
 - 4. a special population management license, a special allocation Ranching for Wildlife license for donation to youths or hunters with mobility impairments,
 - 5. a disease management license, if available,
 - 6. a replacement license for an animal found CWD positive,
 - 7. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).

6. Mountain Lion

- a. One License Any hunter may obtain one mountain lion license.
- b. Any Number of Licenses A hunter may also obtain any number of the following mountain lion licenses:
 - 1. a game damage license, if available,
 - 2. a disease management license, if available,
 - 3. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).

7. Bighorn Sheep

- One License Any hunter may obtain one rocky mountain bighorn sheep license or one desert bighorn sheep license. The lifetime bag limit for desert bighorn sheep is one. Provided further that application restrictions in regulation #206 apply.
- b. Any Number of Licenses A hunter may obtain any number of the following bighorn sheep licenses:
 - 1. an auction or raffle license for rocky mountain bighorn sheep,
 - 2. a special bighorn sheep management license, a special allocation Ranching for Wildlife license for donation to youths or hunters with mobility impairments,

- 3. a disease management license, if available,
- 4. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).

8. Mountain Goat

- a. One License Any hunter may obtain one mountain goat license. Provided further that application restrictions in regulation #206 apply.
- b. Any Number of Licenses A hunter may obtain any number of the following mountain goat licenses:
 - 1. an auction or raffle license for mountain goat,
 - 2. a special mountain goat management license, if available,
 - 3. a disease management license, if available,
 - 4. a rewards program license (except that a hunter may not be issued more than one Turn In Poachers (TIPS) license per year, as provided in #002(J).
- B. Exceptions to Bag Limit Calculation The following big game animals shall not be counted against an annual bag and possession limit for that species:
 - 1. Accidental Hunter Take: Any big game animal accidentally taken by a hunter, provided that prior to any further hunting the individual self-reports the incident to the Division as soon as practicable and the Division verifies the claim of accidental kill. For the purposes of this regulation an "accidental kill" means any unintentional taking of wildlife not resulting from carelessness or negligence on the part of the hunter.
 - a. Determination of whether the taking involves carelessness or negligence shall be based on a consideration of the totality of circumstance surrounding the taking including but not necessarily limited to, number of shots fired, number of animals present, number of animals killed or wounded, type of firearm or ammunition used, angle and distance of shot, species of animal, topography, ground cover, and light or weather conditions.
 - 2. Accidental Vehicle Kills: Any big game animal accidentally killed by a motor vehicle or train shall not be counted against an annual bag limit for that species.
 - 3. Damage Kills: Any big game animal causing damage and taken under the authority of §33-3-106 C.R.S.
 - 4. Southern Ute Tribal Lands: Any big game animal taken on a Southern Ute Tribal Lands permit.

#206 - APPLICATIONS AND DRAWINGS FOR LIMITED LICENSES

A. Exceeding of Quota: The Division shall only exceed the number of licenses authorized by the Commission:

- 1. If there is proof of Division error in the application for or issuance of a limited license, provided that the director or his designee determines there will be no detrimental impact to the subject wildlife population.
- 2. To issue licenses to hunters with mobility impairments or United States Armed Services Wounded Warrior hunters, who qualify for such licenses in accordance with regulation #206(B)(4)(e) or #206(B)(4)(f), provided there is no detrimental impact to the established herd population and sex ratio objectives. For each of these two programs:
 - no more than 100 limited antlerless deer, 100 limited doe pronghorn, and 200 limited antlerless elk licenses may be issued each year.
 - no more than 100 total antiered or either-sex licenses for deer or elk and buck pronghorn licenses in the aggregate may be issued each year.

Provided further, that limited license numbers for wildlife ranching properties cannot exceed the levels established by the Division and the landowner on the Ranching for Wildlife Seasons Form.

- B. Application and Drawing Provisions and Restrictions:
 - 1. General Provisions and Restrictions
 - a. Number of Applications: No person may submit more than one application per year for the regular drawing process for a limited license for any big game species, nor more than one application per year for a leftover limited license for any species.
 - b. Additional Choice Applications: Any additional choice on any application must be for the same species as the first choice.
 - c. Valid Applications: Only complete and correct application forms will be accepted. Any forms involved in a violation of (a) or (b) above will be considered to be incorrect. Any incorrect application by one member of a group will invalidate the entire application.
 - d. Group Applications: Group applications are accepted for the regular drawing for all species except moose and desert bighorn sheep, with no limit on the number of applicants per group except as follows:

Bighorn Sheep 2 applicant maximum

Mountain Goat 2 applicant maximum

Provided further that residents and nonresidents may not apply for the sheep or mountain goat on same group application.

- e. Ranching for Wildlife: Non-residents are not eligible to apply for public Ranching for Wildlife licenses for any big game species.
- f. Bighorn Sheep Access Program: Non-residents are not eligible to apply for public Bighorn Sheep Access Program licenses.

2. Restrictions by Species

a. Bighorn Sheep: Any person who harvests a Rocky Mountain bighorn sheep ram, one-half (½) curl or larger, except one taken on a Division auction or raffle license or a license issued in accordance with regulation #271 or #272, shall not

be eligible to apply for, or participate in the drawing for a Rocky Mountain bighorn sheep ram license for the five years following the year in which the harvest occurred. During this five year period a person may apply for a ewe license, but if unsuccessful will not receive preference points or chances. Any person who harvests a desert bighorn sheep, shall never again be eligible to apply for or participate in a desert bighorn sheep license drawing.

- b. Mountain Goat: Any person who harvests a mountain goat, except one taken on an auction or raffle license, a special goat management license, or a license issued in accordance with regulation #271 or #272, shall not be eligible to apply for or participate in the drawing for a mountain goat license for the five years following the year in which the harvest occurred.
- c. Moose: Any person who harvests an antlered moose, except one taken on an auction or raffle license, or a license issued in accordance with regulation #271 or #272 shall never again be eligible to apply for or participate in an antlered or either-sex moose license drawing.

3. Application Submittal

- a. Applications for limited licenses will be accepted only on application forms provided by the Division.
- b. Each application form, along with a single accompanying payment in the form of a check or money order, must be submitted in a separate envelope addressed according to the species for which application is enclosed. Payment shall include the license fee, a \$3.00 non-refundable application fee, a \$.75 public education fund fee and a \$.25 fee designated for search and rescue operations.
- c. Applications for the regular drawing must be mailed to the following addresses by species, and postmarked no later than midnight on the first Tuesday in April, annually:

Deer PO Box 173313, Denver, CO 80217

Elk PO Box 173314, Denver, CO 80217

Pronghorn PO Box 173315, Denver, CO 80217

Bighorn Sheep PO Box 173757, Denver, CO 80217

Mountain Goat PO Box 173758, Denver, CO 80217

Black Bear PO Box 173761, Denver, CO 80217

Moose PO Box 173782, Denver, CO 80217

4. Preference Systems

Note: see also §33-4-103, C.R.S.

- a. Landowner Preference: General Provisions
 - 1. Preference for hunting licenses under the Landowner Preference Program shall only be given to eligible landowners who apply using the

Landowner registration form(s) provided by the division. Only complete and correct registration forms will be accepted. Except for the carryover registration provided in § 33-4-103(2)(c), C.R.S., registration in the Landowner Preference Program is valid for 5 years. All landowners shall re-register their properties every 5 years (or on or before July 1, 2016 for carryover registrations) to continue participation, if desired, in the Landowner Preference Program.

- 2. As a condition of registration and participation in the Landowner Preference Program, landowners shall provide and maintain accurate ownership information with the division for all lands registered in the Program. During the statutory period of carryover registration provided in §33-4-103(2)(c), C.R.S., and any five-year registration period, landowners shall notify the division of any changes to required registration information in writing within 30 days.
- 3. Landowner preference is species specific and available only in units that are totally limited for all rifle licenses for deer, elk or pronghorn and vouchers will be allocated to eligible landowners by unit, species, sex and season. In units where vouchers remain after the initial allocation, eligible landowners may apply for the unused vouchers and shall pay \$25 for each reallocated female (antlerless/doe) and \$40 for each eithersex or male (antlered/buck) voucher. Unsuccessful applicants will receive a refund check.
- 4. Vouchers not otherwise allocated to landowners as part of the Landowner Preference Program shall be made available as licenses to the general public in the remaining limited licenses draws or sales.
- All landowners and hunters participating in the Landowner Preference Program shall file reports using the forms provided by the division. Reports must be complete and correct, and submitted to the Division by within 30 days after the close of the season.
- 6. Landowners and their registered properties may be audited for compliance with eligibility requirements of the Landowner Preference Program during any carryover or 5-year registration period. Notice of any noncompliance will be provided in writing to the landowner and the landowner shall have 30 days to resolve the noncompliance or withdraw the property from the Landowner Preference Program.
- b. Landowner Preference: Voucher Requirements and Restrictions
 - Vouchers shall only be transferred by the landowner or the landowner's land manager, if any, directly to an individual to be used by that individual for the purchase of a license. Landowners may only designate one land manager for all lands registered in the Landowner Preference Program in any one unit.
 - 2. The transfer of any voucher must include permission to access and hunt all lands in the unit registered in the Landowner Preference Program for the entire season for which the voucher was awarded. Such access shall be allowed without discrimination between hunters accessing the property, and without restriction other than manner of access restrictions (foot, horseback, vehicular) that are reasonably necessary to prevent damage to property.

- 3. The transfer of a voucher by any person other than the landowner or the landowner's land manager to any person other than an individual for purchase of a license is prohibited. Violation of this prohibition shall void the voucher and any license purchased with it.
- 4. No person shall broker a voucher on behalf of any landowner or person, or use or possess any brokered voucher. Violation of this prohibition shall void the voucher and any license purchased with it.

c. Landowner Preference: Disqualification

- Landowners, or the landowner's land manager, who fail to comply with any requirements of the Landowner Preference Program, may be disqualified from participation in the Program from one to five years. Disqualification of a joint or co-owner of property registered with the Landowner Preference Program shall disqualify all other joint or coowners of the registered properties from participation in the Program.
- 2. Disqualification of a landowner from the Landowner Preference Program shall invalidate all preference points associated with property registered by the landowner in the Program.
- 3. Any landowner, or the landowner's land manager, that has been disqualified from the Landowner Preference Program shall not register properties, apply for vouchers or acquire or use any vouchers during the term of disqualification. Landowners that have been disqualified from participation in the Landowner Preference Program shall be required to re-register at the end of their period of disqualification and prior to further participation, if desired, in the Program.
- 4. Any other person that fails to comply with any requirements of the Landowner Preference Program may also be disqualified from participation in the Landowner Preference Program from one to five years. Any person disqualified shall not participate in the Landowner Preference Program in any manner, including, but not limited to, as a landowner, as a landowner's land manager, enrolling properties in any name, submitting applications for vouchers, receiving vouchers, transferring vouchers, redeeming vouchers or using licenses obtained with vouchers.
- 5. Any person convicted of a violation of the Landowner Preference Program will be given notice in writing of their possible disqualification from the Landowner Preference Program and the opportunity to appear and show cause why they should not be disqualified from participation in the Program. Any such disqualification hearing shall be held in the Denver office of the division, or at another location acceptable to the division. Notice of any resulting disqualification shall be sent to the person by certified mail, return receipt requested.
- d. Youth Preference a minimum of 15 percent of the number of the limited doe pronghorn licenses, limited either-sex and antlerless deer licenses and limited antlerless elk licenses established for each GMU shall be made available for purchase by qualified youth applicants. Licenses shall be available through application and computer selection from the Division headquarters, 6060

Broadway, Denver, CO 80216. Licenses not allocated to youth shall be made available to the general public in the remaining drawings.

- Any eligible hunter, ages 12-17 is entitled to youth hunt preference for all seasons and methods of take for the license types listed in the preceding paragraph, except that public Ranching for Wildlife and Air Force Academy licenses shall not be included in this preference. The applicant must submit an individual application for the desired, eligible license on forms provided by the Division. Group applications will not be accepted for youth preference. Where more than one (1) hunt code choice is shown on the application, all hunt codes must be youth preference-eligible hunt codes.
- 2. Youth preference will be set at 50% for all antlerless deer licenses in GMUs 55, 66, 67, and 551.
- e. Youth Outreach Hunting Licenses The Director may make additional youth outreach program deer, elk and pronghorn licenses available to qualified organizations sponsoring youth hunting activities.
 - 1. Youth Outreach licenses will be available for private land only. There will be no more than 300 elk licenses (50 antlered or either-sex, 150 antlerless), no more than 200 deer licenses (50 antlered or either-sex, 150 antlerless) and no more than 200 pronghorn licenses (30 buck or either-sex, 170 doe) issued annually under this subsection.
 - 2. Licenses in game management units with at least one hunt code requiring 6 or more resident preference points to draw, excluding Ranching for Wildlife properties, will not be authorized for use under this subsection.
 - 3. Licenses are issued on a first come, first served basis to qualified organizations. No more than 10 licenses may be issued per event to any single requesting organization.
 - 4. Requested dates for hunting events must occur between August 15 and January 31 each year.
 - 5. Organizations who wish to request a Youth Outreach license must submit the request in writing to Colorado Parks and Wildlife, State Hunter Outreach Coordinator, 6060 Broadway, Denver, Colorado 80216 no later than 60 days prior to the planned hunting event.
 - 6. Licenses are limited to youth hunters 12 to 17 years of age.
- f. Hunting Licenses for Hunters with Mobility Impairments The Director may make certain deer, elk, and pronghorn licenses available to qualified hunters with mobility impairments.
 - 1. Applicants for hunting licenses for hunters with mobility impairments must have a mobility impairment resulting from permanent medical conditions, which makes it physically impossible for them to hunt without the assistance of an attendant. Evidence of an impossibility to participate in the hunt without the assistance of an attendant may include, but is not limited to, prescribed use of a wheel chair; shoulder or

- arm crutches; walker; two canes; or other prescribed medical devices or equipment.
- 2. Applications for antlerless deer and elk and doe pronghorn licenses for hunters with mobility impairments shall be made on the form available from, and submitted with the applicable license fee to, the Division, Limited License Office, 6060 Broadway, Denver, Colorado, 80216. Applications for antlered deer and elk and pronghorn buck licenses for hunters with mobility impairments shall be made on the form available from, and submitted with the applicable license fee to, the applicable Division regional service center. Hunters may apply from the Monday after the May Commission meeting through the last day of the rifle seasons.
- 3. Applications for hunting licenses for hunters with mobility impairments shall contain a statement from a licensed medical doctor or a certified physical, occupational, or recreational therapist describing the applicant's mobility impairment and the permanent medical condition which makes it impossible for the applicant to hunt without the assistance of an attendant. Additional documentation may be required if necessary to establish the applicant's eligibility for a hunting license for hunters with mobility impairments. For the 2001 seasons and thereafter, once certified by the Division as mobility-impaired according to these regulations, applicants will not be required to submit the medical statement.
- 4. Antlerless deer and elk and doe pronghorn licenses will be available in all game management units with a total allocation of more than 100 antlerless deer or 100 antlerless elk or 50 doe pronghorn during the rifle seasons described in #250, #257, and #262 of these regulations. For any one game management unit no more than 10 licenses or 2 percent of the total number of limited antlerless deer or elk or doe pronghorn licenses for the game management unit, whichever number is greater, shall be issued as hunting licenses for hunters with mobility impairments for the species in question.
- 5. Antlered or either-sex licenses for deer or elk and buck pronghorn licenses will be private land only licenses and will be available for hunt codes requiring four or fewer resident preference points to draw in the previous year in all game management units with a total allocation of more than 100 antlered or either-sex deer, 100 antlered or either-sex elk, or 50 buck pronghorn during the rifle seasons described in #250, #257 and #262 of these regulations. For any one game management unit no more than 5 licenses or 2 percent of the total number of limited antlered, either-sex or buck licenses for the game management unit, whichever is greater, shall be issued as hunting licenses for hunters with mobility impairments for the species in question.
- 6. Antlered or either-sex licenses for deer or elk and buck pronghorn licenses will be approved by the applicable Regional Manager on a case-by-case basis for hunters who qualify as mobility-impaired in instances where an organization assisting hunters with mobility impairments has coordinated a hunting opportunity specifically for this program and where all other avenues of obtaining a license have been exhausted.

- 7. Hunting licenses for hunters with mobility impairments will be valid only for the season dates and any units included in the authorized hunt code. Licenses for hunters with mobility impairments may not be issued for Ranching for Wildlife properties unless otherwise provided in the ranch contract.
- g. Wounded Warrior Hunting Licenses The Director may make certain deer, elk, and pronghorn licenses available to qualified participants in any United States Armed Services Wounded Warrior programs.
 - Applicants must be members of the United States Armed Forces, who are residents of, or stationed in, Colorado returning from post-September 11, 2001 overseas contingency operations who have been so severely injured during combat, including combat-related support activities, that they will require years of intense, ongoing care or assistance.
 Additionally, applicants must be members of a United States Armed Services Wounded Warrior program, as defined in 33-4-102(1.9) C.R.S., and must be assigned to a military medical treatment facility at the time of application for this program.
 - Applications shall contain a statement from a licensed medical doctor certifying the applicant's eligibility under the criteria in 1 above.
 Additional documentation may be required if necessary to establish the applicant's eligibility under this program.
 - 3. Applications for antlerless deer and elk and doe pronghorn licenses shall be made on the form available from the Division, Limited License Office, 6060 Broadway, Denver, Colorado. Applications for antlered deer and elk and pronghorn buck licenses shall be made on the form available from the applicable Division regional service center. Hunters may apply from the Monday after the May Commission meeting through the last day of the rifle seasons. Licenses issued under this program shall be issued as free licenses.
 - 4. Antlerless deer and elk and doe pronghorn licenses will be available in all game management units with a total allocation of more than 100 antlerless deer or 100 antlerless elk or 50 doe pronghorn during the rifle seasons described in 250, 257, and 262 of these regulations. Licenses issued for military installations will be exempted from these minimum license requirements. Wounded Warrior licenses issued for military installation property will be approved by the applicable Regional Manager. For any one game management unit no more than 10 licenses or 2 percent of the total number of limited antlerless deer or elk or doe pronghorn licenses for the game management unit, whichever number is greater, shall be issued as Wounded Warrior hunting licenses for the species in question.
 - 5. Antlered or either-sex licenses for deer or elk and buck pronghorn licenses will be private land only licenses and will be available for hunt codes requiring four or fewer resident preference points to draw in the previous year in all game management units with a total allocation of more than 100 antlered or either-sex deer, 100 antlered or either-sex elk, or 50 buck pronghorn during the rifle seasons described in #250, #257 and #262 of these regulations. Licenses issued for military installations will be exempted from these preference point and minimum license requirements. Wounded Warrior licenses issued for military installation

property will be approved by the applicable Regional Manager. For any one game management unit no more than 5 licenses or 2 percent of the total number of limited antlered, either-sex or buck licenses for the game management unit, whichever is greater, shall be issued as Wounded Warrior hunting licenses for the species in question.

- 6. Antlered or either-sex licenses for deer or elk and buck pronghorn licenses will be approved by the applicable Regional Manager on a case-by-case basis for hunters who qualify under this program in instances where an organization assisting Wounded Warrior hunters has coordinated a hunting opportunity specifically for this program and where all other avenues of obtaining a license have been exhausted.
- 7. Wounded Warrior hunting licenses will be valid only for the season dates and any units included in the authorized hunt code. Wounded Warrior hunting licenses may not be issued for Ranching for Wildlife properties unless otherwise provided in the ranch contract.
- h. Dream Hunt Hunting Licenses The Director may make available additional deer, elk, pronghorn, mountain lion and black bear licenses to individuals qualified under this subsection.
 - 1. Applicants for Dream Hunt licenses must be between the ages of 12 and 21, and must have a terminal illness or a life-threatening disease or injury.
 - A request for a Dream Hunt license must be made, in writing, by a sponsoring organization, documenting the individual's life-threatening or terminal condition, desired, hunt experience, desired location, time frame and logistical considerations. Requests should be sent to the Division of Parks and Wildlife, Hunter Outreach Coordinator, 6060 Broadway, Denver, Colorado 80216.
 - 3. Requested dates for hunting events must occur between August 15 and January 31 each year, with preferred dates occurring during an existing season for the requested species. However, alternate dates may be approved by the Director on a case-by-case basis as an applicant's condition requires.
 - 4. Written landowner permission must be obtained prior to issuance of a license under this subsection if the individual will be hunting on private land.
 - 5. Except on private land, licenses in game management units with at least one hunt code requiring 10 or more resident preference points to draw, excluding Ranching for Wildlife properties, will not be authorized for use under this subsection.

i. Preference Points and Chances

- 1. Preference will be given for qualifying applications for first choice hunt codes only and shall be subject to the following provisions:
 - aa. Deer, Elk, Pronghorn, and Bear: one preference point will be awarded to each person who qualifies for and fails to draw a limited

license for deer, elk, pronghorn, or bear as a first choice in the regular drawing or who applies using a first choice hunt code established for the purpose of accumulating a preference point only. Preference points will be used in future drawings for the same species and will accumulate until the applicant obtains a first choice license. When an applicant obtains a first choice license, all accumulated preference points for that species become void. If an applicant both fails to apply for a species and has not purchased a license for that same species during any given 10-year period, all accumulated preference points for that species become void. If an applicant accepts a first choice license that has been returned and reissued, all accumulated preference points for that species become void. In those hunt codes requiring 10 or more resident preference points to draw, up to 20 percent of available licenses for deer. elk. pronghorn and bear shall be issued through a random drawing. The number of preference points required to draw shall be determined by a three-year average for the 2007, 2008, and 2009 limited license draws. A minimum of five individual preference points is required for an applicant to participate in the random drawing. Group applications shall not be eligible to participate in the random drawing.

- bb. In addition to the \$3 application fee, an unsuccessful applicant (except youth as defined by 33-4-117 C.R.S., lifetime license holders, and Colorado resident military personnel on active duty outside Colorado), or one who applies using a first choice hunt code established for the purpose of accumulating a preference point only, for deer, elk, pronghorn or bear will be assessed a \$40 fee (\$30 for resident deer and pronghorn) to receive a preference point unless they have purchased one of the following: an annual license (fishing (including free senior annual), small game or resident combination small game/fishing license, furbearer) for the year previous to which they are seeking a preference point; any big game license for the previous year or a current draw license for the species for which they are seeking a preference point. The fee, per species, shall entitle the hunter to preference points for any unsuccessful deer, elk, pronghorn or bear application in that year.
- cc. Rocky Mountain Bighorn Sheep, Mountain Goat, and Moose: One preference point will be awarded to each person who qualifies for and fails to draw a first choice license, until three preference points have been accumulated. Each time an applicant with three (3) points qualifies for and fails to draw a first choice license for rocky mountain bighorn sheep, mountain goat or moose the applicant will be awarded one (1) weighted preference point to be used in future drawings for that species. Applicants with at least three (3) preference points or any number of weighted preference points will be given weighted preference during the license drawings for each applicable species. Weighted preference is calculated by converting the applicant's original application number into a new random application number, then dividing that random application number by the number of weighted preference points the applicant currently has for that species plus one. The resulting number is the applicant's final and only application number. Final application numbers are sorted from lowest number to highest number, with licenses awarded to applicants starting on the top of the list (lowest number), working down the list until no licenses for that species remain. When an

applicant obtains a first choice license, all accumulated preference points for that species become void. If an applicant both fails to apply for a species and has not purchased a license for that same species during any given 10-year period, all accumulated preference points for that species become void. If an applicant accepts a first choice license that has been returned and reissued, all accumulated preference points for that species become void.

- dd. Applications receiving preference points will be given priority over all applications with fewer points. Group applications will receive preference at the level of the group member with the fewest accumulated preference points, and, where applicable, the fewest accumulated chances, except that group applications will not be successful, regardless of preference point level or number of chances, when there are fewer licenses remaining in the hunt code quota than the number of applicants in the group.
- ee. In lieu of applying through the regular limited license draw, any active duty member of the United States Armed Forces who is stationed at any military facility in Colorado and actively deployed outside the United States, or any active duty member of the United States Armed Forces who is a Colorado resident and is deployed outside the United States, shall, upon their return to the United States, be eligible to apply for preference points for any limited license draw that occurred during their absence. Applications for preference points shall be made on forms provided by the Division and filed within six months upon the member's return to the United States.

5. Drawing Processes

- a. Applications using landowner preference and youth preference shall be drawn, in that order, prior to drawing general public applications for the same species.
- b. Except as otherwise provided, applicants who applied properly for deer, elk, or pronghorn in the regular drawing and are unsuccessful will be given an option to: Apply for a leftover drawing. Request a refund. Donate that refund to the Division's nongame or Operation Game Thief fund. No such donation may be split between the two funds. Request an unlimited antlered elk license.
- Unsuccessful applicants for bear, bighorn sheep, mountain goat, or moose will receive a refund check.
- d. Unsuccessful applicants will be notified of their accumulated preference points and chances on their refund check stub, on their leftover drawing letter, or on their carcass tag, whichever is applicable.
- e. Nonresident hunter drawing limitations (first choice applications only)
 - 1. Nonresidents hunters shall receive no more than 10% of available moose, bighorn sheep and mountain goat licenses for all hunt codes. In the event there are an insufficient number of nonresident applications for the allocated number of moose, bighorn sheep or mountain goat licenses in any hunt code, the excess nonresident licenses will be issued to residents through the regular drawing process. These drawing limitations

- do not apply to the issuance of Bighorn Sheep Access Program (BSAP) licenses.
- 2. Unless there is an insufficient number of resident applications, nonresident hunters shall receive no more than 35% of available deer and elk licenses for hunt codes requiring fewer than six preference points for resident hunters to draw in the regular drawing, and no more than 20% of available deer and elk licenses for hunt codes requiring six or more preference points for resident hunters to draw in the regular drawing as calculated using a three-year average for the 2007, 2008, and 2009 limited license draws. These drawing limitations do not apply to the issuance of Private Land Only and Ranching for Wildlife licenses.
- 6. Leftover Licenses, Drawing Provisions and Restrictions
 - a. Elk, deer, pronghorn and bear licenses which are not issued through the regular drawing will be issued as "leftover" licenses, (through one "leftover" drawing process if the number of "leftover" licenses is sufficient to justify the administrative cost).
 - b. Only persons who apply for a limited license and who are unsuccessful are eligible for the leftover license drawing. Applicants for the leftover drawing may only apply for the same species that they applied for in the initial drawing.
 - c. Any eligible hunter, ages 12 17 shall receive preference for leftover deer and elk licenses.
 - d. Any active duty member of the United States Armed Forces stationed at any military facility in Colorado and actively deployed outside the United States, or any active duty member of the United States Armed Forces who is a Colorado resident and is deployed outside the United States, shall be allowed a preference for the purchase of leftover licenses prior to their sale to the general public.
 - e. Group applications are not accepted for leftover licenses.
 - f. Applicants must respond on the forms provided to the individuals by the Division following the regular drawing.
 - g. Applications must be postmarked no later than the first Tuesday in July, annually.
 - h. Applications not postmarked by the first Tuesday in July, annually, will receive a refund.
 - Leftover Ranching for Wildlife licenses will not be available through the standard over-the-counter leftover process. For information regarding the availability of these licenses on a first-come, first-served basis, please refer to the big game drawing brochure or call the Division at (303) 297-1192.

#207 - SEASON PARTICIPATION

A. A person may hunt in only one hunting season per license year for each big game species regardless of the method of hunting used, except in accordance with regulations #207B, #207C, and #242A.6 or in #205, when the purchase of more than one license per species is authorized or when the animal taken is not counted against an annual bag limit.

- B. Except on Ranching for Wildlife properties and in GMUs 61, 62 and 512, youths ages 12-17 may participate in any open regularly scheduled antlerless rifle elk or antlerless rifle deer hunt starting after the last day of the season listed on their original license, in the same DAU and for the same species listed on their original license, provided they possess an unfilled limited antlerless or either-sex elk or antierless deer license originally valid in that same DAU from a season which has already been completed, comply with applicable regulations for the specific open regularly scheduled antierless rifle hunt in which they participate, and are accompanied by a mentor if under 16 years of age. A mentor must be at least 18 years of age and comply with hunter education requirements. The mentor may not hunt except in units and in seasons for which they possess a valid license. Youths with an unfilled either-sex elk license who wish to hunt in any subsequent antlerless rifle season within the same DAU may do so provided that they must bring their license to the Division and have it converted to an antlerless license for the appropriate species prior to hunting. In GMUs 61 and 62, youth hunters may participate in the extended youth seasons as provided and restricted herein, except youth are further restricted to hunting in the same GMU where their original license was valid.
- C. Youths ages 12-17 may participate in any December pronghorn season in the following GMUs: 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 145, 146 or 147, provided they possess an unfilled pronghorn doe or either-sex license from a season which has already been completed for any other unit and comply with applicable regulations for the specific hunt in which they participate. Youths with unfilled either-sex pronghorn licenses who wish to hunt in the late youth pronghorn doe hunt may do so provided that they bring their license to the Division and have it converted to a doe pronghorn license prior to hunting.
- D. Any license marked or stamped for a season and unit, or portions thereof, is valid only as marked on the license.
- E. A person may only purchase an over the counter with caps bear license for the concurrent rifle bear season (hunt codes listed in #239.B) if they also possess a deer or elk license for an overlapping game management unit listed on that bear license. A person may hunt bear with an over the counter with caps rifle bear license during any regular rifle deer or elk season west of I-25 or in unit 140, only if they also possess a deer or elk license (filled or unfilled) valid any day of the regular rifle deer or elk seasons. The person may hunt bear in any unit(s) for which their bear license is valid. If the deer or elk license is a Private Land Only license, use of the bear license is restricted to private land as well. The restrictions of this subsection shall not apply to hunt codes BE083P1R, BE084P5R, BE048P5R, BE058P5R, and BE059P5R.
- F. Any person may take coyotes with an unfilled big game license in the same unit and season and by the same manner of take.

#208 - LICENSE RESTRICTIONS

A. Cutoff of License Sales

- Archery Season The sale of bear licenses at license agents for the archery deer and elk season shall be terminated at midnight preceding the opening day of the archery bear season.
- Muzzle-loading Season The sale of bear, elk, and deer licenses at license agents for the muzzle-loading season shall be terminated at midnight preceding the opening day of the season.
- 3. First Regular Rifle Elk and Over the Counter with Caps Either-Sex Concurrent Rifle Bear Seasons The sale of concurrent rifle bear licenses and first season elk licenses at

- license agents shall be terminated at midnight proceeding the opening day of the first regular rifle elk season.
- 4. Second Regular Rifle Deer and Elk Season The sale of rifle deer and elk licenses at license agents for the second regular rifle season shall be terminated at midnight preceding the opening day of the season.
- 5. Third Regular Rifle Deer and Elk Season The sale of rifle deer and elk licenses at license agents for the third regular rifle season shall be terminated at midnight preceding the opening day of the season.
- 6. Fourth Regular Rifle Deer and Elk Season The sale of rifle deer and elk licenses at license agents for the fourth regular rifle season shall be terminated at midnight preceding the opening day of the season.
- 7. Plains Bear Season The sale of rifle bear licenses at license agents for the plains deer and elk season shall be terminated at midnight preceding the opening day of the season.
- 8. Other Licenses The sale of leftover licenses (except as provide in subsection 9, below), and late season licenses at license agents shall be terminated at midnight preceding the opening day of the applicable seasons.
- 9. After the start of each season, licenses will be sold to the licensee, in person, only at Division service centers, except that license agents are authorized to sell 14-day or longer Private Land Only, archery, disease management, special hunts, season choice, and plains either-sex elk after the start of the season. In addition, license agents may also accept landowner vouchers for licenses after the start of the season.
- 10. If prior to the opening day of a season the Total Licensing System (TLS) becomes inoperable for an extended period of time, the Director shall have the authority to authorize agents to sell licenses after the start of the respective season, notwithstanding any other provision in these regulations.

#209 - SPECIAL RESTRICTIONS

- A. Private Land Only Seasons
 - 1. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - 2. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.
- B. Special restrictions for the James John State Wildlife Area.
 - 1. Hunting access during the regular rifle deer and elk seasons is restricted to big game hunters only and to no more than twelve (12) permitted hunters per day. Access permits will be issued from the Division's Pueblo Office through a hand drawing. Permit applications may be obtained from the Division of Parks and Wildlife, 600 Reservoir Road, Pueblo, Colorado 81005 (telephone (719) 561-5300). Group applications will be accepted. No more than two (2) applicants per group. Application deadline is July 1annually. Successful applicants will be notified by mail. The date, time and location of the drawing will be included on the application.

a. Permits will be issued for the following time periods:

1st Season - Separate Limited Elk - Entire Season

2nd Season - Combined Deer and Elk - Entire Season

3rd Season - Combined Deer and Elk - Entire Season

4th Season - Combined Limited Deer and Elk - Entire Season

- b. For the 2nd and 3rd combined rifle seasons, a minimum of five (5) out of the twelve (12) permits will be issued to hunters with a valid GMU 140 deer license.
- C. Off Highway Vehicle (OHV) Weapon Restrictions during Big Game Seasons
 - 1. All firearms, except pistols and revolvers, carried on an OHV during deer, elk, pronghorn or bear season must be fully unloaded (both the chamber and the magazine) and fully enclosed in a hard or soft case (no scabbards or cases with open ends or sides). All bows carried on an OHV during any deer, elk, pronghorn or bear season must be fully enclosed in a hard or soft case (no scabbards or cases with open ends or sides). This regulation shall not apply to any person; any member of such person's family, or an employee or agent of the person, carrying a firearm on an OHV for the purpose of taking depredating wildlife on property owned or leased by the person, pursuant to §§33-3-106 or 35-40-100.2, C.R.S.

D. Closures

The following lands are closed, as described:

1. All publicly-owned lands in GMUs 25, 26, 35, 36, 43, 44, 47, 54, 55, 66, 67, 444, 471, and 551 shall be closed to the collection of shed antlers from January 1 through March 14 annually, and shall further be closed to the collection of shed antlers between legal sunset and 10:00 AM from March 15 through May 15 annually, provided further that the Director or his designee may establish additional closures as necessary under the criteria set forth in WCR #020.E.6.

E. Fluorescent Orange Garments

- 1. Except for archers hunting during a limited bear season, archers with an auction or raffle deer, elk, pronghorn or moose license hunting outside of a regular rifle season, and archers hunting with an archery bear, deer, elk, pronghorn, or moose license, all persons hunting bear, deer, elk, pronghorn or moose shall be required to wear daylight fluorescent orange garments which comply with the requirements of §33-6-121, C.R.S.
- F. Chronic Wasting Disease (CWD) Testing Requirements
 - 1. Mandatory CWD Sample Submissions

The Director of the Division may establish and enforce mandatory CWD submission areas for species known to contract CWD. Such submission areas may be established and enforced where necessary to meet sampling requirements, and mandatory submittal shall end when the Division achieves sampling goals, as stipulated by Division staff prior to enacting any such mandatory submission requirement. At such time that mandatory

submission areas are established public notice shall be given, including posting of mandatory submission requirements in applicable Division offices and license agents, and when possible inclusion of such requirements in Division publications. Upon establishment of mandatory CWD submission requirements, it shall be unlawful to fail to submit CWD samples for the designated species harvested in designated mandatory submission areas.

#210 - RANCHING FOR WILDLIFE - DEER, ELK, PRONGHORN, BLACK BEAR, MOOSE, AND BIGHORN SHEEP

A. Implementation Authority

1. The Director is authorized to implement the Ranching for Wildlife program, including the authority to determine ranch enrollment status, enter into cooperative agreements with ranches, establish and modify public and private season dates on each ranch, and establish and modify license allocations to each ranch including the subsequent distribution of licenses to the public and private share annually, and may establish additional Ranching for Wildlife operating guidelines subject to the following provisions.

B. Ranch Entry and Maintenance

- 1. Ranches must have a minimum of 10,000 acres of privately owned land in one contiguous unit. Ranches that meet this 10,000-acre minimum requirement may include privately owned non-contiguous parcels in the program if the Director determines that their inclusion will contribute to meeting the performance standards for the ranch.
- 2. Ranches must develop a Ranching for Wildlife Management Plan that includes goals, objectives, and strategies for achieving such goals and objectives for wildlife habitat management, species management, and public hunting management. The Management Plan shall identify the Tier category in which the ranch seeks to be placed and what specific actions the ranch will take to achieve the appropriate Tier placement criteria. The Management Plan must be approved by the Division prior to execution of a Cooperative Agreement for Ranching for Wildlife.
- 3. Ranches may not charge public hunters an access fee for hunting.
- 4. Except as agreed to in writing by the Division when necessary to meet the ranch performance standards or as mutually agreed and contained in the Management Plan, ranches must provide for equality of access in terms of geographical area and mode of transportation for both public and private hunters. No closure or restriction of land or roads shall apply to public hunters that do not also apply to private hunters.
- 5. Public hunts must be established at a time when the species to be hunted are present and available for harvest. No public seasons shall be established during times when normal winter conditions would prevent access to most of the ranch, nor when normal migration patterns of the species to be hunted result in the species having migrated off the ranch.
- 6. Ranches that establish coinciding or overlapping public and private hunts may not exclude public hunters from any portion of the ranch due to the presence of private hunters.
- 7. The Ranch and the Division will mutually agree to ranch rules regarding access to and hunting on the ranch by public hunters. The ranch rules will be provided to hunters prior to seasons on the ranch in accordance with other provisions contained in this regulation.

- 8. Enrolled ranches shall not be eligible for game damage payments or materials for those species hunted in the program when damage occurs within the boundaries of the enrolled portions of the ranch.
- 9. The Division may, at its sole discretion, require ranches with public bighorn sheep hunting seasons to provide scouting access to those hunters and their companions prior to such seasons. Provisions for this scouting access shall be contained in the Management Plan.
- C. Cooperative Agreements, Enrollment, Denial of Enrollment, Termination of Enrollment
 - 1. The Division is authorized to enter into Cooperative Agreements with ranches.
 - 2. Ranches may appeal enrollment decisions to the Commission.
 - 3. Cooperative Agreements shall incorporate approved Ranching For Wildlife Management Plans as part of the Cooperative Agreement.
 - 4. The Division shall periodically evaluate ranches for enrollment, contract performance, and Tier placement, and shall establish minimum performance standards for ranches enrolled in the program, including wildlife habitat management and improvement, public recreation opportunity and experience, and any factors intended to contribute to meeting Data Analysis Unit (DAU) management objectives. Such performance standards shall be incorporated into the Cooperative Agreement with the ranch.
- D. Season Structures, Manner of Take, License Restrictions
 - 1. Public and private seasons opening and closing date parameters
 - a. Deer, elk, pronghorn, moose, and bighorn sheep seasons may not begin before the first day of the statewide archery season for that species, nor extend beyond January 31.
 - Black bear season may not begin before September 2, nor extend beyond October 31.
 - 2. Private season length
 - a. Deer, elk, or pronghorn private seasons are restricted to a maximum of ninety (90) days.
 - b. Moose or bighorn sheep private seasons are restricted to a maximum of 30 days.
 - 3. Public season length
 - Deer and elk public season length
 - 1. Antlered or either sex public hunting seasons shall be a minimum of ten (10) days in length for every licensed public hunter, either as a minimum of ten (10) consecutive days in length or divided into two (2) or more five (5) day periods.
 - 2. Ranches must offer a total of at least ten (10) days of antlerless public hunting. The season may run a minimum of ten (10) consecutive days; or may be split into two (2) or more five (5) day periods in which a

hunter's license is valid in each period; or may be split into two (2) or more five (5) day seasons in which a hunter's license is valid in one but not any other five (5) day season. Ranches electing to split seasons and limit hunter participation to a single five (5) day season must assure that total public hunter harvest and licenses available are as much or more than would be achieved in the other two antlerless season alternatives.

- 3. All public seasons or periods will include one full weekend, but seasons need not open on weekend days.
- b. Pronghorn public season length
 - 1. Buck or doe hunting seasons shall be a minimum of five (5) days in length. All public seasons shall include one full weekend, but seasons need not open on weekend days.
- c. Black Bear public season length
 - 1. Shall be a minimum of fifteen (15) days in length.
- d. Moose public season length
 - Antlered or antlerless public hunting seasons shall be a minimum of ten
 (10) days in length. Antlered seasons shall include a minimum of five (5)
 consecutive days without overlapping any antlerless moose hunting
 season on the ranch.
- e. Bighorn sheep public season length
 - 1. Public hunting seasons for rams shall be a minimum of thirty (30) days in length and shall include a minimum of fifteen (15) consecutive days of hunting without overlapping any ewe hunting season on the ranch.
 - 2. Public hunting seasons for ewes shall be a minimum of fifteen (15) days in length.
- f. Additional primitive weapon seasons may be established provided that the season is structured so there is a minimum of 5 days of opportunity in which the method of take is restricted to archery or muzzleloading rifles.
 - These seasons shall be in addition to the previously mentioned minimum season lengths. Hunters drawing licenses for these seasons shall be allowed to hunt in the season with the restricted method of take and also in at least 10 additional days of opportunity with rifle method of take for moose, or antlered or either sex deer, elk, or black bear licenses; at least 5 additional days of opportunity with rifle method of take for pronghorn, or antlerless deer or elk licenses; at least 30 additional days of opportunity with rifle method of take for ram bighorn sheep licenses; and at least 15 additional days of opportunity with rifle method of take for ewe bighorn sheep. Additional primitive weapon seasons will include one full weekend.
- Manner of Take

a. Rifle hunting shall be the designated manner of take. Provided further that additional public hunting seasons beyond the previously mentioned minimum levels may be established with more restricted manner of take. Any such seasons and licenses allocated to those seasons are additional public hunting opportunity and shall not reduce licenses that would otherwise be allocated for the rifle seasons.

License Restrictions

- a. Ranching for Wildlife licenses are the only licenses valid for hunting of species under contract on the ranch, except that auction and raffle licenses may be used when there is not a public season for the same species in progress on the ranch and antlerless deer or elk licenses may be used on a ranch when authorized in writing by the Division, subject to the following provisions:
 - 1. There is an established season in which such licenses would be valid in the Game Management Unit (GMU) in which the ranch is located.
 - 2. Such licenses shall not be used concurrently with any Ranching For Wildlife season, or at any other time when the Division determines that it would result in elk, deer, pronghorn, bighorn sheep, moose, or black bear not being available to Ranching For Wildlife public hunters.
 - 3. The Division determines that any resulting harvest achieved will contribute to achieving DAU management objectives.

E. License Allocation

- 1. A maximum of 1,000 licenses of each species and sex for deer, elk, and pronghorn, a maximum of 30 black bear licenses, a maximum of 20 licenses of each sex for bighorn sheep, and a maximum of 50 licenses of each sex for moose may be allocated to each ranch annually, and subsequently distributed to the public and private share according to the distribution table established in this regulation.
- 2. Division staff recommendations regarding license allocations for each ranch shall be forwarded to and approved by the Director based upon Data Analysis Unit harvest objectives, relative ranch land base and occupied habitat for each species on the ranch to that of the Data Analysis Unit, hunter crowding, enhancement of hunter harvest, and relative densities of the species on the ranch.
- 3. Substitution of licenses of one species or sex for licenses of another species or sex shall not be permitted.
- 4. For purposes of determining distribution of licenses allocated to each ranch, either sex licenses will be treated as antlered licenses for deer and elk and buck licenses for pronghorn.
- 5. Landowner preference shall not be used for any public or private Ranching For Wildlife license. In addition, Ranching for Wildlife property may not be used to qualify for or receive landowner preference pursuant to §33-4-103, C.R.S.
- 6. The public share of the licenses in the following distribution tables represents the minimum for each species. Fractions of licenses shall be rounded up for public distribution licenses.

DEER, ELK, AND PRONGHORN

	Private Share of	f Licenses	Public Share of Licenses		
	% of total allocations	ation to each	% of total allocation to each		
	ranch		ranch		
	Buck, Doe or		Buck,	Doe or	
Tier	Antlered, or	Antlerless	Antlered, or	Antlerless	
	Either Sex	Anticriess	Either Sex	7 Hitieriess	
A	90	0	10	100	
В	85	0	15	100	
C	80	0	20	100	

BLACK BEAR					
Private Share of	f Licenses	Public Share of	Licenses		
% of total alloca	ation to each	% of total alloca	ation to each		
ranch		ranch			
Either Sex		Either Sex			
60		40			
BIGHORN SH	EEP				
Private Share of	f Licenses	Public Share of Licenses			
% of total alloca	ation to each	% of total allocation to each			
ranch		ranch			
Ram	Ewe	Ram	Ewe		
50	0	50	100		

MOOSE						
Private Share o	f Licenses	Public Share of Licenses				
% of total alloc	ation to each	% of total allocation to each				
ranch		ranch				
Antlered, or	Antlerless	Antlered, or	Antlerless			
Either Sex	Antieness	Either Sex	Anueness			
50	50 0		100			

F. Youth Licenses

1. The Division and the ranch may formulate and implement youth hunting opportunities on any ranch through Division approved youth hunting programs. The Division must approve the youth hunting program on the ranch prior to any season or license allocation for such youth hunts.

- 2. A maximum of 15% of the total number for deer, elk, pronghorn, or black bear licenses allocated for a ranch may be allocated as youth hunting licenses on each ranch, over and above the total number of licenses allocated for a ranch.
- 3. Youth hunting seasons may occur at any time within the broad parameters for seasons within the Ranching For Wildlife program.
- 4. Youth licenses shall be distributed to individual youth hunters by mechanisms of the approved youth hunting program on the ranch. Youth licenses shall not count as either private or public licenses for purposes of calculating the relative share of other licenses allocated for the ranch.

G. License Distribution

1. Applications

- a. Applications for private hunter licenses stamped with the ranch name and season dates shall be available to the landowner for distribution.
- b. Public hunter licenses shall be available through application and selection from the Division during the annual limited license drawing process, except as provided in this regulation.
- c. Leftover Ranching for Wildlife Licenses: Ranching for Wildlife licenses which are not issued through the regular drawing will be issued as "leftover" licenses, only through the "leftover" drawing process, rather than through the over-the-counter leftover license process.
- 2. Trinchera Ranch One hundred percent (100%) of the limited antlered public licenses and eighty percent (80%) of the limited antlerless public licenses shall be available through the Division's annual limited license drawing process. Twenty percent (20%) of the limited public antlerless licenses will be allocated by public drawing at 1:00 p.m. on the second Wednesday in August, annually, at the San Luis Community Center, San Luis, CO. Applications will be accepted between 9:00 am and noon, on the second Wednesday in August, annually.

H. Special Restrictions

- Unless otherwise provided in these Ranching for Wildlife regulations all hunters must comply with other applicable regulations, including, but not limited to, manner of take (except that private hunters may use any legal weapon during private seasons), hunting hours, application requirements and deadlines, bag limits, season participation, mandatory checks, OHV restrictions, and other generally applicable regulations for big game hunting.
- 2. A copy of the mutually agreed upon ranch rules will be provided to all public hunters prior to their hunting season. All public hunters will be required to sign a statement acknowledging that they have read, understand, and agree to comply with all ranch rules, before the hunter is allowed access to the ranch.
 - a. Compliance with ranch rules is a specific condition of the Ranching For Wildlife public licenses and subsequent access to the ranch. In addition to criminal penalties, non-compliance with ranch rules constitutes grounds for suspension and revocation of the license and/or being prohibited from further participation in

hunting on the ranch, and/or in the Ranching For Wildlife program as a public hunter.

b. Final determination on any legal action taken towards hunters found in non-compliance with ranch rules shall be made solely by officers of the Division. This includes any citation that may be issued for non-compliance with the provisions of a license, or directing a hunter to leave a ranch. Ranch personnel may not direct a hunter to leave a ranch without specific authorization of a Division officer.

#211- BIGHORN SHEEP ACCESS PROGRAM

A. Implementation Authority

1. The Director is authorized to implement the Bighorn Sheep Access Program (BSAP), including the authority to determine private land enrollment status, enter into cooperative agreements with legal landowners, establish and modify public and private season dates on each property, and establish and modify license allocations to each property including the subsequent distribution of licenses to the public and private share, and may establish additional BSAP operating guidelines subject to the following provisions. All new or renewed contracts must be signed by the Director by October 15 in order to participate in the program the following year.

B. Property Enrollment Constraints

- 1. Properties must have a minimum of 5,000 acres of privately owned land.
- 2. Except under the provisions of regulation #211(E)(5), there must be a sustainable population of Rocky Mountain bighorn sheep that are predictably present on the private lands and at times for which public hunting seasons may be set. All sheep on the property must be a part of a single bighorn sheep herd (DAU). Land under contract may not cross sheep herd boundaries. At least 60% of the sheep herd within the bighorn sheep game management unit to be hunted must be located on private land or State Trust Land.
- 3. Properties may not charge public hunters an access fee for hunting.
- 4. Except as agreed to in writing by the Division, enrolled properties must provide for equality of access in terms of geographical area and mode of transportation for both public and private hunters. No closure or restriction of land or roads shall apply to public hunters that do not also apply to private hunters.
- 5. Public hunts must be established at a time when sheep are present and available for harvest. No public seasons shall be established during times when normal winter conditions would prevent access to most of the property, nor when normal migration patterns would result in sheep having migrated off the property.
- 6. Ranches that establish coinciding or overlapping public and private hunts may not exclude public hunters from any portion of the property due to the presence of private hunters.
- 7. The private landowner(s) will provide to each public hunter a property information packet which includes, but is not limited to, property maps showing access routes and camping areas, and landowner contact information.

8. Enrolled properties shall not be eligible for game damage payments or materials for damage caused by Rocky Mountain bighorn sheep.

C. Cooperative Agreements, Enrollment, Termination of Enrollment

- 1. The Division is authorized to enter into cooperative agreements with private property owners. Multiple private property owners may participate in the program under a single contract as long as all legal owners agree to the same terms and requirements.
- The Division shall establish minimum performance standards or requirements for properties enrolled in the program. Such performance standards shall be incorporated into the cooperative agreement with each property owner(s). Each cooperative agreement will include an option to renew at the end of the contract period if agreed to by both the Division and private landowner.
- 3. Each cooperative agreement will also contain a termination clause. Potential termination will be based on public hunter satisfaction that is within the control of the property owner or manager. No future private ram licenses will be allocated to a property after their contract is terminated.

D. Season Structures, Manner of Take, License Restrictions

- 1. Public and private seasons opening and closing date parameters
 - a. Ram seasons may not begin before August 1 and may not extend beyond December 31.
 - b. Ewe seasons may not begin before September 1 and may not extend beyond January 15.
 - c. Public ram seasons shall always precede private ram seasons. When necessary for private and public seasons to be conducted in the same year, public ram seasons will occur prior to private seasons.

2. Private season length

a. Private ram seasons shall not be less than 20 days nor greater than 60 days.

3. Public season length

- a. Public ram seasons shall be equal or greater in length to the private ram seasons, but not less than 30 days nor greater than 60 days. If multiple ram seasons are necessary to spread out hunting pressure, then season length may be shortened to not less than 20 days per season.
- b. Ewe seasons shall be not less than 10 days in length with no more than a 5 day overlap with public ram seasons.
- 4. Method of take for ram hunting will be hunter's choice in accordance with regulation #203 of this chapter. Method of take for ewe hunting will be determined by contract negotiation.

5. License Restrictions

a. BSAP licenses are the only licenses valid for hunting sheep on the property, except that auction and raffle licenses may be used when there is not a public season in progress on the property.

E. License Allocation

- 1. Division staff recommendations regarding license allocations for each property shall be approved by the Director.
- 2. All ewe licenses allocated are public licenses. The Division shall determine if ewe hunting is needed or desired for sheep management on the property.
- 3. The public share of the licenses in the following distribution table represents the minimum number of licenses provided to the public. Fractions of licenses shall be rounded up for public distribution licenses.

	ROCKY MOUNTAIN BIGHORN SHEEP							
	Private Share of	f Licenses	Public Share of Licenses					
	% of total alloc	ation to each	% of total allocation to each					
	enrolled proper	ty	enrolled property					
Option	Ram	Ewe	Ram	Ewe				
A	67	0	33	100				
В	75	5 0		100				
С	50	0	50	100				

- 4. Enrolled properties with a sustainable Rocky Mountain bighorn sheep population already present will have the choice between two license distribution options (option A or B). In order to receive the license allocation percentages listed in option B, a competent, skilled guide will be provided for free to the public ram hunter. The guide must be competent and knowledgeable of the property and of bighorn sheep behavior and use patterns on the property. The guide provided to the public ram hunter must be the same guide provided to the private ram hunter, unless otherwise agreed to in writing by the Division. In order to receive the license allocation percentages listed in option A, each public sheep hunter will receive free access to the property and a free area for camping if the property is located 40 minutes or more from public accommodations. No free guiding services are provided under option A.
- 5. Option C is available for property owners who would like their land evaluated for bighorn sheep transplant or augmentation for inclusion in the BSAP under option C. Notice of interest must be submitted in writing to the local district wildlife manager by April 1 annually. If the Division approves the transplant and property enrollment, the Division and landowner will share the costs of the trap and transplant operation. When the Division and property owner determine that the transplanted herd can sustain hunting harvest, the property will be opened to hunting under option C. Properties enrolled in the BSAP under option C will be enrolled for a 10-year period with bighorn sheep ram licenses being issued at a 1:1 public/private ratio during that period. After 10 years of hunting, the landowner may choose to withdraw from the program or re-enroll in a new contract under option A or B.
- 6. Public ram hunters will be allowed to bring a maximum of two additional non-hunting persons with them onto the property during their hunt. Ewe hunters will be allowed to

bring a maximum of one additional non-hunting person with them onto the property during their hunt.

7. Landowners are not required to provide pre-draw or pre-season scouting access in any license allocation option.

F. License Distribution

1. Applications

- a. Applications for private ram licenses stamped with the ranch name and season dates shall be available to the landowner for distribution.
- b. Public hunter licenses shall be available through application and selection from the Division during the annual limited license drawing process.

#212 - 216 VACANT

#217 - SEASON TABLES AND HUNT CODE DESCRIPTIONS

A. Big Game season tables are established by species (sheep, goat, bear, lion, deer, elk, pronghorn, and moose) and hunt (archery, muzzle-loading, early, regular, plains, private land only, late, and Ranching for Wildlife). Tables contain general information describing the hunt type, season dates, unit(s) or portions thereof, hunt code, license types, and numbers.

ARTICLE III - BIGHORN SHEEP

#218 - SEASON DATES, HUNT TYPE, UNITS (AS DESCRIBED IN CHAPTER 0 OF THESE REGULATIONS), AND LICENSE NUMBERS.

A. All rams taken shall be one half (1/2) curl or larger unless otherwise specified in these regulations.

1. Archery Seas	on Dates, Un	its, License	Types and	d Numbers			
Unit #/Unit Name	Hunt Code	Date Open	Date Closed	Resident Licenses (2016)		Nonresident Licenses (2016)	
				Ram	Ewe	Ram	Ewe
S06 Pike's Peak and S46 Dome Rock	SMS06O1A	11/10/2016	11/30/2016	2		0	
S09 Sangre De Cristo	SMS0901A	08/06/2016	08/30/2016	10		1	
S12 Buffalo Peaks	SMS1201A	08/06/2016	08/30/2016	9		1	
S20 Marshall Pass	SMS2001A	08/06/2016	08/30/2016	1		0	
S32 Georgetown -Except within ¼ mile north of I-70 or within ¼ mile of US 6 or US 40	SMS3201A	08/06/2016	08/21/2016	4		1	
S32 Georgetown -Except within ¼ mile north of I-70 or within ¼ mile of US 6 or US 40	SMS32O2A	08/27/2016	09/11/2016	5		0	
S32 Georgetown -Except within ¼ mile north of I-70 or within ¼ mile of US 6 or US 40	SFS32O2A	08/27/2016	09/11/2016		3		0
S34 Rampart Range	SMS3401A	10/15/2016	10/31/2016	1		0	

1. Archery Seas	son Dates, Uni	its, License	Types and	d Numbers			
Unit #/Unit Name	Hunt Code	Date Open	Date Closed	Resident Licenses (2016)		Nonresident Licenses (2016)	
S34 Rampart Range	SFS34O1A	10/15/2016	10/31/2016		1		0
S34 Rampart Range	SMS34O2A	12/01/2016	12/15/2016	2		0	
S35 Greenhorns	SMS3501A	08/06/2016	08/30/2016	4		1	
S37 St. Vrain	SMS3701A	11/01/2016	11/30/2016	1		0	
S38 Apishapa	SMS38O1A	12/01/2016	12/31/2016	1		0	
S39 Mt Silverheels	SMS3901A	08/06/2016	08/30/2016	1		0	
S44 Basalt	SMS4401A	08/27/2016	09/25/2016	4		1	
S49 Grape Creek - Copper Ridge	SMS4901A	08/06/2016	08/30/2016	4		1	
S51 Spanish Peaks	SMS5101A	08/06/2016	08/30/2016	2		0	
S54 West Elk - Dillon Mesa	SMS5401A	08/06/2016	08/30/2016	1		0	
S57 Big Thompson	SMS5701A	09/06/2016	10/09/2016	2		0	
S57 Big Thompson	SFS5701A	09/06/2016	10/09/2016		2		0
S69 Lower Cochetopa Canyon	SMS6901A	08/06/2016	08/30/2016	1		0	
S71 West Needles	SMS7101A	08/27/2016	10/09/2016	1		0	
			TOTALS	56	6	6	0

Unit #/ Unit Name	Hunt Code	Date Open	Date	Resident Licenses (2016)		(2016)		Nonresident Licenses (2016)		Private Licenses (2016)
				Ram	Ewe	Ram	Ewe	Rams		
S01 Poudre River and S18 Rawah	SMS0101R	09/06/2016	10/09/2016	2		1				
S01 Poudre River and S18 Rawah	SFS0101R	09/06/2016	10/09/2016		2		0			
S02 Gore-Eagles Nest- Except within ½ mile north of I-70 from Bighorn Creek to Spraddle Creek	SMS02O1R	09/06/2016	10/06/2016	1		0				
S03 Mount Evans	SMS03O1R	08/15/2016	08/31/2016			1				
S03 Mount Evans	SMS03O2R	09/06/2016	10/09/2016	2		0				
S03 Mount Evans	SFS0302R	09/06/2016	10/09/2016		1		0			
S04 Grant	SMS04O1R	08/15/2016	08/31/2016	2		0				
S04 Grant	SMS04O2R	09/06/2016	10/09/2016	1		0				
S04 Grant	SFS04O2R	09/06/2016	10/09/2016		1		0			
S06 Pikes Peak	SMS06O1R	09/06/2016	09/20/2016	2		0				
S06 Pikes Peak	SMS06O2R	09/23/2016	10/07/2016	2		0				
S06 Pikes Peak	SFS06O2R	09/23/2016	10/07/2016		1		0			
S07 Arkansas River	SMS0701R	09/06/2016	10/09/2016			0				
S08 Huerfano	SMS08O1R	09/06/2016	10/09/2016	3		0				
S09 Sangre de Cristo	SMS0901R		10/09/2016			1				
S09 Sangre de Cristo	SFS09O1R	09/12/2016	10/09/2016		4		1			
S10 Trickle Mountain and S55 Natural Arch	SMS1001R		10/09/2016			0				
S11 Collegiate North	SMS1101R	09/06/2016	10/09/2016	5		1				
S11 Collegiate North	SFS1101R		10/09/2016		2		0			
S12 Buffalo Peaks	SMS1201R	09/06/2016	10/09/2016	5		1				
S12 Buffalo Peaks	SFS12O1R	09/17/2016	10/09/2016		2		0			

2. Rifle and Associated Methods Season L			li Dates, O	liito, Licci	ізс турс	Nonresident		
	Hunt Code D			Resident I				Private Licenses
Unit #/ Unit Name		Date Open		(20:	L6)	Licenses (2016)		(2016)
			Cioseu	Ram	Ewe	Ram	Ewe	Rams
S13 Snowmass East	SMS1301R	09/06/2016	10/06/2016	1		1		iwiii
S15 Sheep Mountain	SMS1501R	09/06/2016	10/09/2016	4		1		
S15 Sheep Mountain	SFS1501R		10/09/2016		2	_	0	
S16 Cimarron Peak	SMS1601R		10/09/2016	3	_	0	,	
S16 Cimarron Peak	SFS16O1R		10/09/2016		2		0	
S17 Collegiate South	SMS1701R		10/09/2016	5	_	1		
S17 Collegiate South	SFS1701R		10/09/2016	J	2		0	
S19 Never Summer					_	_		
Range	SMS19O1R	09/08/2016	10/11/2016	1		0		
S20 Marshall Pass	SMS2001R	09/06/2016	10/09/2016	1		0		
S21 Cow Creek -								
Wetterhorn Peak	SMS2101R	09/06/2016	10/09/2016	5		1		
S21 Cow Creek -								
Wetterhorn Peak - East	SFS2101R	09/17/2016	10/09/2016		5		2	
of Hwy 550 only	3. 321011	33,11,2010	10,00,2010					
S21 Cow Creek-								
Wetterhorn Peak –	SFS21S1R	09/17/2016	10/09/2016		3		0	
West of Hwy 550 only	31 321311X	03/11/2010	10/03/2010		3		~	
S22 San Luis Peak	SMS2201R	09/06/2016	10/09/2016	2		0		
S23 Kenosha and								
S27 Tarryall	SMS2301R	09/06/2016	10/09/2016	2		0		
S24 Battlement	SMS2401R	11/01/2016	11/30/2016	1		0		
S25 Snowmass West	SMS2501R		10/06/2016	2		0		
S28 Vallecito	SMS2801R		10/09/2016	1		0		
S29 Alamosa Canyon	SMS2901R		10/09/2016	1		0		
S30 Conejos River	SMS3001R		10/09/2016	1		0		
S31 Blanca River	SMS3101R		10/09/2016	3		0		
S32 Georgetown	31V1331U1R	09/00/2010	10/09/2010	ა		0		
-Except within ¼ mile								
north of I-70 or within 1/4	SMS3201R	09/17/2016	10/09/2016	9		1		
mile of US 6 or US 40								
S32 Georgetown		1						
-Except within ¼ mile	05000015	00/47/00/5	10/09/2016					
north of I-70 or within 1/4	SFS32O1R	09/17/2016			2		1	
mile of US 6 or US 40								
S33 Lake Fork/Pole Mtn	SMS3301R	09/06/2016	09/20/2016	2		1		
S33 Lake Fork/Pole Mtn								
- North of Lake Fork								
River, Cottonwood	SFS3301R	00/11/2016	09/20/2016		2		0	
Creek, Cuba Gulch,	SESSSOIK	09/11/5010	08/20/2010				"	
Minnie Gulch; west and								
north of CO 110								
S33 Lake Fork/Pole Mtn								
- South of Lake Fork								
River, Cottonwood	SFS33S1R	09/11/2016	09/20/2016		1		0	
Creek, Cuba Gulch and	21 2222114	03/11/2010	03/20/2010					
Minnie Gulch; east and								
south of CO 110								
S33 Lake Fork/Pole Mtn	SMS3302R	09/22/2016	10/09/2016	2		0		

2. Rifle and Associated Methods Season Dates, Units, License Types and Numbers								
				Resident L	icenses	Nonres		Private
Unit #/ Unit Name	Hunt Code Date Op	Date Open	n Date	(201		Licer		Licenses
			Closed			(20:	_	(2016)
				Ram	Ewe	Ram	Ewe	Rams
S33 Lake Fork/Pole Mtn								
- North of Lake Fork								
River, Cottonwood	SFS3302R	09/27/2016	10/09/2016		2		0	
Creek, Cuba Gulch,					_			
Minnie Gulch; west and								
north of CO 110								
S33 Lake Fork/Pole Mtn								
- South of Lake Fork								
River, Cottonwood	SFS33S2R	09/27/2016	10/09/2016		1		0	
Creek, Cuba Gulch and								
Minnie Gulch; east and								
south of CO 110	SMS3501R	00/06/2016	10/00/2016	1		0		
S35 Greenhorns			10/09/2016	1	2	0		
S35 Greenhorns	SFS3501R SMS3601R		10/30/2016	1	2	0	0	
S36 Bellows Creek			10/09/2016	1		0		
S37 St. Vain	SMS3701R SMS3901R		10/09/2016 09/21/2016	1		0		
S39 Mount Silverheels				1				
S39 Mount Silverheels	SMS39O2R	09/24/2016	10/09/2016	1		0		
S40 Lone Pine and S58	SMS4001R	09/06/2016	10/09/2016	2		0		
Lower Poudre								
S40 Lone Pine and S58	SFS4001R	09/06/2016	10/09/2016		2		0	
Lower Poudre	CMC4101D	00/00/2016	10/00/2016	1		0		
S41 Peru Creek	SMS4101R		10/09/2016	1	1	0		
S41 Peru Creek	SFS4101R	09/06/2016		2	1	0	0	
S44 Basalt	SMS4401R		10/12/2016	2		0		
S47 Browns Canyon	SMS4701R		10/09/2016 12/31/2016					
S48 Carrizo Canyon S49 Grape Creek -	SMS48O1R	12/01/2016	12/31/2016	1		0		
Copper Ridge	SMS4901R	09/06/2016	10/09/2016	2		1		
S50 Mount Mestas	SMS5001R	00/06/2016	10/09/2016	2		0		
S51 Spanish Peaks	SMS5101R		10/14/2016	2		0		
S51 Spanish Peaks -	3101331011					U		
West of Hwy 12 only	SFS5101R	08/31/2016	09/11/2016		1		1	
S51 Spanish Peaks	SMS5102R	10/31/2016	11/15/2016	2		0		
S53 Bristol Head	SMS5301R		10/09/2016	2		0		
S53 Bristol Head	SFS53O1R	09/19/2016	10/08/2016		2		0	
S54 West Elk-Dillon								
Mesa bound on the								
north by Gunnison CR								
12 (Kebler Pass Rd.);						_		
on the east by Hwy 135;	SMS54O1R	09/06/2016	10/09/2016	2		0		
on the south by N								
boundary T50N; on the								
west by Curecanti Ck &								
Coal Ck.	CMCE0O1D	00/06/2010	10/06/2010					
S59 Derby Creek	SMS5901R		10/06/2016	2		0		
S60 Shelf Rd	SMS6001R		10/31/2016	3		0		
S61 Purgatory Canyon	SMS6101R		12/31/2016			0		
S66 Mount Elbert	SMS6601R		10/16/2016	5	2	1		
S66 Mount Elbert	SFS6601R		10/16/2016	1	2	0	0	
S67 Flattops	SMS6701R		10/02/2016	1		0		
S68 Cotopaxi	SMS68O1R	102/00/50TP	10/09/2016	1		0		

Unit #/ Unit Name	Hunt Code	Hunt Code Date Open		Resident Licenses (2016)		Nonresident Licenses (2016)		Private Licenses (2016)
				Ram	Ewe	Ram	Ewe	Rams
S69 Lower Cochetopa Canyon	SMS6901R	09/06/2016	10/09/2016	1		0		
S69 Lower Cochetopa Canyon	SFS6901R	09/12/2016	09/18/2016		1		0	
S69 Lower Cochetopa Canyon	SFS6902R	09/19/2016	09/25/2016		1		0	
S71 West Needles	SMS7101R	09/06/2016	10/09/2016	1		0		
S73 Mt. Zirkel	SMS73O1R	09/08/2016	10/11/2016	1		1		
S73 Mt. Zirkel	SFS7301R	10/18/2016	10/31/2016		2		0	
S74 Glenwood	SMS7401R	09/14/2016	10/14/2016	1		0		
S75 Main Canyon	SMS7501R	11/01/2016	11/30/2016	1		0		
S77 Gore Canyon	SMS7701R	09/06/2016	10/06/2016	1		0		
			TOTALS	130	49	14	5	

#219 DESERT BIGHORN SHEEP SEASON DATES, HUNT TYPE, UNITS, LICENSES

- A. All rams taken shall be one half (1/2) curl or larger unless otherwise specified in these regulations.
 - **1.** Archery None

2. Rifle and Associated Methods Season Dates, Units, License Types and Numbers

Unit	Hunt Code	Date Open	Date Closed	Resident Ram Licenses (2016)	Nonresident Ram Licenses (2016)
S56 Black Ridge	CMS56O1R	11/01/2016	11/30/2016	3	0
S62 Dominguez Ck.	CMS62O1R	11/01/2016	11/30/2016	3	1
S63 Middle Dolores River	CMS63O1R	11/01/2016	11/30/2016	1	0
S64 Upper Dolores River	CMS64O1R	11/01/2016	11/30/2016	3	0
			TOTALS	10	1

#220 - SPECIAL RESTRICTIONS

- A. All bighorn sheep harvested through hunting after July 1, 1981, shall be inspected by an employee of the Division on or before the 5th working day after the taking thereof. Any licensee who takes a bighorn sheep shall personally present the sheep with the horns and skull intact to any Division office. A mandatory check report shall be completed at the time of inspection and each legally taken bighorn sheep ram shall have a Division permanent marker attached to the horn.
- B. Any bighorn sheep licensee who does not complete and return the mandatory questionnaire to the Division within thirty (30) days after the close of the season shall not be considered for any future bighorn sheep license.
- C. No person may barter, trade, transfer, or sell any bighorn sheep ram head or horns unless the horns have been inspected and permanently marked by the Division.

- D. Only bighorn sheep rams legally taken with a valid license will be permanently marked by the Division.
- E. Sheep hunters in S42, including auction and raffle hunters, are restricted to hunt weekdays only and are required to attend an S42 Waterton Canyon hunter orientation.

#221 - 226 VACANT

ARTICLE IV MOUNTAIN GOAT

#227 - SEASON DATES, HUNT TYPE, UNITS (as described in Chapter 0 of these regulations), LICENSES

A. Mountain goats of either sex may be taken unless otherwise specified in these regulations.

1. Archery Season	. Archery Season Dates, Units, License Types and Numbers							
Unit #/Unit Name	Hunt Code	Date Open	Date Closed	Resident Either- Sex Licenses (2016)	Nonresident Either- Sex Licenses (2016)			
G01 Mt. Shavano and G14 Antero	GEG0101A	09/06/2016	10/09/2016	6	0			
G05 West Needles	GEG05O1A	09/06/2016	10/31/2016	18	2			
G08 Fossil Ridge	GEG08O1A	09/06/2016	10/09/2016	2	0			
			TOTALS	26	2			

2. Rifle and Associated Methods Season Dates, Units, License Types and Numbers							
Unit	Hunt Code	Date Open	Date	Resident Licenses (2016)		Nonresident Licenses (2016)	
				Either- Sex	Female	Either- Sex	Female
G02 Mount Princeton	GEG0201R	09/06/2016	10/09/2016	6		0	
G03 Mount Harvard	GEG03O1R	09/06/2016	10/09/2016	6		0	
G04 Mount Evans	GEG04O1R	09/19/2016 Weekdays Only	09/30/2016 Weekdays Only	5		1	
G04 Mount Evans	GEG04O2R	10/03/2016 Weekdays Only	10/14/2016 Weekdays Only	6		0	
G04 Mount Evans	GEG04O3R	10/17/2016 Weekdays Only	10/28/2016 Weekdays Only	5		1	
G05 Needles – from 09/06/2016-09/23/2016 rifle hunters must hunt west of the Animas River and north of Ten Mile and Trinity Creeks. From09/24/2016-10/31/2016 rifle hunters can hunt all of G05.	GEG05O1R	09/06/2016	-	2		0	
G06 Gore Range	GEG06O1R	09/06/2016	10/06/2016	3		0	

2. Rifle and Associated Methods Season Dates, Units, License Types and Numbers									
				Resident	Licenses		resident		
11	Lloud Code	D-4- 0	Date	(2016)		Licenses (2016)			
Unit	Hunt Code	Date Open	Closed	Either-		Either-			
				Sex	Female	Sex	Female		
		09/06/2016							
G07 Grays Peak	GEG07O1R	Weekdays	Weekdays	4		0			
		Only	Only						
007 Over 15 De als	05007005	09/19/2016	09/30/2016			_			
G07 Grays Peak	GEG07O2R	Weekdays	Weekdays	3		1			
		Only	Only						
CO7 Crove Book	CEC0702D	10/03/2016	10/14/2016	,		1			
G07 Grays Peak	GEG07O3R	Weekdays Only	Weekdays Only	2		1			
		10/17/2016	10/28/2016						
G07 Grays Peak	GEG07O4R	Weekdays	Weekdays	3		l o			
Gor Grays i eak	00070410	Only	Only			"			
		09/06/2016	09/16/2016						
G10 Tenmile	GEG1001R	Weekdays	Weekdays	1		0			
	020200211	Only	Only	_					
		09/19/2016	09/30/2016						
G10 Tenmile	GEG1002R	Weekdays	Weekdays	2		Ιo			
		Only	Only	_		-			
		10/03/2016	10/14/2016						
G10 Tenmile	GEG1003R	Weekdays	Weekdays	1		l o			
		Only	Only						
		10/17/2016	10/28/2016						
G10 Tenmile	GEG10O4R	Weekdays	Weekdays	1		0			
		Only	Only						
G11 The Raggeds-									
portion bounded on the N									
by USFS 314; on the E by									
Gunnison CR 3C and	GEG1101R	09/06/2016	10/09/2016	3		1			
USFS Trail 832; on the S by USFS Trail 830 and									
Gunnison CR 12; and on									
the W by Colo 133									
G11 The Raggeds-,									
portion bounded on the N									
by USFS 314 and USFS									
317; on the E by USFS									
317; on the S by	05044045	00/00/0040	10/00/0016						
Gunnison CR 12; on the	GEG11S1R	09/06/2016	10/09/2016	2		0			
W beginning at the Dark									
Canyon Trailhead by									
USFS Trails 830 and 832,									
and Gunnison CR 3C									
G12 Maroon Bells	GEG12O1R	09/06/2016	10/06/2016	22		3			
G12 Maroon Bells	GFG12O1R	09/06/2016	10/06/2016		5		0		
G13 Quail Mountain	GEG1301R		09/23/2016	13		2			
G13 Quail Mountain	GEG13O2R	109/24/2016	10/09/2016	13		2			

2. Rifle and Associated Methods Season Dates, Units, License Types and Numbers								
Unit	Hunt Code	Date Open	Date Closed	Resident Licenses (2016)		Nonresident Licenses (2016)		
				Either- Sex	Female	Either- Sex	Female	
	0=01=01=	09/06/2016						
G15 Jones Pass	GEG15O1R	Weekdays Only	Weekdays Only	2		0		
		09/06/2016						
G15 Jones Pass	GFG1501R	Weekdays	Weekdays		1		l o	
020 0000 . 0.00		Only	Only		_			
		09/19/2016	09/30/2016					
G15 Jones Pass	GEG15O2R	Weekdays	Weekdays	3		0		
		Only	Only					
		09/19/2016						
G15 Jones Pass	GFG15O2R	Weekdays	Weekdays		1		0	
		Only	Only					
		10/03/2016				_		
G15 Jones Pass	GEG15O3R	Weekdays	Weekdays	3		0		
		Only	Only					
CAF James Dass	CEC1502D	10/03/2016			1			
G15 Jones Pass	GFG15O3R	Weekdays			1		0	
		Only 10/17/2016	Only 10/28/2016					
G15 Jones Pass	GEG1504R	Weekdays	Weekdays	3		l o		
G13 Julies Pass	GEGISO4R	Only	Only	3		"		
		10/17/2016						
G15 Jones Pass	GFG1504R	Weekdays			1		l o	
C20 Cones i des	0.010041	Only	Only		-			
		09/06/2016	09/16/2016					
G16 Mt Guyot	GEG1601R	Weekdays	Weekdays	2		Ιo		
		Only	Only	_		-		
	GFG1601R	09/06/2016						
G16 Mt Guyot		Weekdays	Weekdays		1		0	
		Only	Only					
		09/19/2016	09/30/2016					
G16 Mt Guyot	GEG16O2R	Weekdays		2		0		
		Only	Only					
		09/19/2016	09/30/2016					
G16 Mt Guyot	GFG16O2R	Weekdays	Weekdays		1		1	
		Only	Only					
010 14 0 0 0 0	05016005	10/03/2016	10/14/2016	_		_		
G16 Mt Guyot	GEG16O3R	Weekdays	Weekdays	1		1		
		Only	Only					
G16 Mt Guyot	GFG16O3R	10/03/2016 Weekdays	10/14/2016 Weekdays		2		0	
	GLGT003K	Only	Only		-		"	
G16 Mt Guyot		10/17/2016	10/28/2016					
	GEG16O4R	Weekdays	Weekdays	2		l o		
		Only	Only					
		10/17/2016	10/28/2016					
G16 Mt Guyot	GFG16O4R	Weekdays	Weekdays		1		0	
		Only	Only					
G17 Independence Pass	GEG1701R	09/06/2016		5		1		

2. Rifle and Associated Methods Season Dates, Units, License Types and Numbers							
Unit	Hunt Code	Date Open	Date Closed	Resident Licenses (2016)		Nonresident Licenses (2016)	
				Either- Sex	Female	Either- Sex	Female
G18 Holy Cross	GEG1801R	09/06/2016	10/06/2016	1		0	
			TOTALS	127	14	14	1

#228 - SPECIAL RESTRICTIONS

- A. All mountain goat hunters who take a goat shall personally present the goat with horns and skull intact to any Division office on or before the 5th working day after the taking thereof. A mandatory check report shall be completed at the time of inspection.
- B. Any mountain goat licensee who does not complete and return the mandatory questionnaire to the Division within thirty (30) days after the close of the season shall not be considered for any future mountain goat license.
- C. Where specified in regulation #227 of this chapter, auction and raffle hunters are also restricted to hunting weekdays only.

#229 - SPECIAL PROVISIONS REGARDING BIGHORN SHEEP, MOUNTAIN GOAT, MOOSE, DEER, ELK, AND PRONGHORN LICENSES AUTHORIZED BY AUCTION OR COMPETITIVE RAFFLE

See also §§33-4-116 through 116.5, C.R.S., concerning statutes for these auctions and raffles

A. Conduct of the Auction or Raffle. Any organization selected to conduct a license auction or raffle for the Wildlife Commission shall abide by the following rules:

1. General

- a. All auctions and raffles shall be carried out in accordance with applicable Colorado and Federal laws and the laws of the state where such auction or raffle is held. In the event the auction is held outside of Colorado and there is a conflict between Colorado and local laws, such conflict will be resolved in accordance with applicable principles of conflict of laws; provided the requirements of this regulation must be complied with.
- b. Unless their hunting license privilege is revoked or under suspension pursuant to the law of any state or country, any person, without regard to resident status or citizenship, is eligible to bid at competitive auction or to participate in any raffle for any license authorized by the Commission.
- c. Except as provided herein, auction and raffle licenses are non-transferable and shall be issued only to the winner of a raffle and the highest bidder at an auction. The highest bidder in any auction may give the license as a gift to another person provided written designation of such person is received by the Director at least 30 days prior to the opening of the season. Further, the Director may authorize a transfer of an auction or raffle license prior to the opening of the season due to death or medical incapacity of the holder of any auction or raffle license.
- d. Funds received by a conservation organization which conducts any auction for the Commission and due the Division shall be paid to the Division within 60 days after the auction and at least 30 days prior to the opening of the season. Funds received by a conservation organization which conducts any raffle for the Commission and

- due the Division shall be paid to the Division within 90 days after the raffle. No license shall be issued until such funds are received by the Division.
- e. The conservation organization shall ensure no discrimination against any person on the basis of race, creed, color, national origin, religion, sex, age (except as required by Colorado raffle statutes), marital status or physical handicap.

2. Competitive Auction:

- a. Conduct the competitive auction at a location reasonably accessible to prospective bidders.
- b. Utilize the services of a professional and experienced auctioneer.
- c. Accept verbal and customary bids as well as absentee written and telephone bids.
- d. No minimum bid shall be established.
- e. No buyers premium in any form may be charged.
- f. Advertise the location, date and starting time of the auction in at least one Colorado paper with statewide circulation. Also, announce the auction through at least two conservation or wildlife oriented magazines with nationwide circulation. Such advertisement shall be accomplished at least 30 days in advance of the auction.
- g. Accept payment by legal tender, cashier's check, certified check or major credit card.
- h. Provide appropriate Colorado hunting regulations and other information to potential bidders and other interested parties at least 10 days prior to the auction upon a request basis and to any in attendance immediately prior to and during the auction.
- i. Make award to the highest bidder, but maintain a record of the second highest bidder in case of payment default or other contingency.
- j. Conduct the auction in accordance with auction procedures established and announced at the start of the auction, including, but not limited to, re-bidding procedures. In the case of any dispute, the auctioneer shall make the final determination as to the highest competitive bid. In the event of a tie, the auctioneer may reopen the bidding of those two bidders to determining the highest bidder. The auctioneer has the sole discretion to advance the bidding and may reject a nominal or fractional advance over the preceding bid. The auctioneer may refuse any bid for reasonable cause.

3. Raffle

- a. Procedures for issuing and collecting raffle tickets and related funds, the location, date and approximate time of a random drawing and all other procedures pertaining to the raffle shall be published and made available upon request at least three (3) months prior to any drawing or award.
- b. Any raffle drawing shall be conducted at a meeting of a conservation organization open to general public attendance. The location, date and time of such meeting must be advertised at least 30 days in advance.
- c. Raffle tickets shall be available for a value of not more than \$25.00 each, and the same name shall not appear on more than 25 tickets.
- d. All tickets shall include a place for a name, address and phone number of the holder and all tickets and stubs shall be numbered. Winner need not be present.
- e. The location and time of the drawing as well as the purpose of the raffle and other information pertaining to the raffle shall be printed on each ticket.
- f. The raffle license shall be issued to the person whose name appears on the winning raffle ticket.

B. Auction and Raffle Licenses

- Licenses issued by auction or raffle shall permit the taking of one animal of either sex, as
 defined or specified by unit or season in this chapter; except as otherwise provided in
 these regulations. Rocky Mountain bighorn sheep licenses are not valid for desert
 bighorn sheep.
- 2. All licenses issued as a product of a competitive auction or raffle shall be written at the Division headquarters.
- 3. There shall be no refund of any monies collected through auction or raffle.

- 4. Licenses for each species shall be valid on a unit-by-unit basis from the first open season in a unit for that species after August 1 through December 31, except as provided in regulation #210(D)(5)(a), #220(E), #228(C) or #4(a) below. Licenses are not valid in units, or portions of units, that do not have an open season for that species. An open season is any season in which licenses are issued by the Division for the species in question by drawing, over the counter, or in a Special Management License unit for bighorn sheep or mountain goat, upon request from an Auction and Raffle hunter as approved by the Division. Provided further, and except as otherwise provided herein, auction and raffle licensees must comply with all other unit specific restrictions provided by these regulations.
 - a. Licenses for deer shall be valid on a unit-by-unit basis from the first open deer season in a unit after August 1 through November 30 or the last day of the last open antlered or either-sex deer season in a unit, whichever comes later.
- 5. For sheep, goat and moose, manner of take must be consistent with manner of take restrictions for any ongoing open season, or if no open season is ongoing, restricted to the manners of take allowed in the unit or part of a unit.
- 6. For deer, elk, and pronghorn, any manner of take legal for that species can be used during the period the license is valid, except pronghorn licenses are valid by archery before the last Saturday in August.
- 7. Licenses will be valid for one year only and only in accordance with applicable provisions of this chapter and other appropriate regulations of the Commission, unless otherwise provided herein.
- 8. Prior to hunting, all holders of auction and raffle licenses shall provide the Division with the following information:
 - a. Anticipated hunting areas, including GMUs and nearest towns.
 - b. Vehicle descriptions.
 - c. Intended methods of take.
- 9. All auction and raffle hunters shall complete and return a harvest questionnaire provided by the Division within 30 days after the close of their final hunting season. All wildlife harvested through the use of an auction or raffle license shall be presented to and inspected by an employee of the Division on or before the 5th working day after the taking thereof. Failure to present harvested wildlife for inspection as required by this regulation shall make the licensee ineligible for future licenses for that species in Colorado.

C. Expenditure of Auction and Raffle Proceeds

- 1. A Project Advisory Committee (PAC) shall be established for each species qualifying for auction and raffle licenses. Each PAC shall be made up of a spokesperson representative from each nonprofit, conservation organization selling an auction or raffle license for that species and a spokesperson representative of the Division. A conservation organization can abstain from participating on a PAC if they so choose or if they do not provide representation. In addition, the USFS, BLM, and other potentially affected land management agencies shall each have the opportunity to provide a spokesperson representative for each PAC at their discretion.
- 2. The Division shall be responsible for annual solicitation of project proposals requesting auction and raffle funding with a deadline no later than April 30th of each year. Funding can potentially be provided to government agencies, including the Division, nonprofit organizations, and private entities for appropriate projects as provided by Colorado laws. Each PAC shall review the project proposals for their respective species and recommend how auction and raffle proceeds for that species shall be expended. Each PAC shall make funding recommendations to the Division Director no later than May 31st of each year. Project funding shall require approval by the Division Director or a designee of the Director.

3. As provided by Colorado laws, auction and raffle funds for deer, elk, and pronghorn can be used interchangeably among said species and auction and raffle funds for bighorn sheep, mountain goats, and moose can be used interchangeably among said species. PACs that desire to recommend funding of projects using auction and raffle funds for a different species within an interchangeable group shall include in their recommendations for funding the respective recommendations of any PAC responsible for an affected species.

D. Accounting of auction and raffle proceeds.

- Each conservation organization receiving an auction or raffle license for sale shall enter into an agreement with the Division that includes requirements for auction and raffle income and disposition records. Each organization shall maintain records of activities relating to auction and raffle proceeds retained by the organization. Such records shall be available for inspection by the Division at all reasonable times and subject to audit by the state.
- 2. The Division shall provide each conservation organization with a list of all projects that have been approved for auction and raffle funding each year.
- 3. The Division shall provide the PAC committees with current auction and raffle fund balances by May 1^{st} of each year.
- 4. Recipients of auction and raffle funds must provide an annual status report to the Division by July 1st for each fiscal year funding is provided. In some cases the Division may also request a comprehensive final report. At a minimum, such reports must provide a summary of accomplishments and results in relation to proposal objectives and a basic accounting of auction and raffle fund expenditures. The Division may request additional follow-up information such as more detailed records of results and expenditures. Failure to provide a satisfactory report or follow-up information can result in termination of auction and raffle funding at the discretion of the Division. The Division shall provide copies of available annual status reports and final reports to each PAC upon request.

#230 - SPECIAL MANAGEMENT LICENSES FOR SHEEP AND GOAT

- A. The Director is authorized to issue special management licenses for bighorn sheep or mountain goat when necessary to:
 - prevent exposure of a sheep or goat population to disease which could result from sheep or goats having had contact with domestic livestock which present a disease transmission risk; either within or outside of an established game management unit; or to prevent the potential spread of disease by sheep or goats pioneering from units with such disease.
 - 2. allow for targeted surveillance of sheep and goat populations for management purposes.
 - 3. prevent unplanned expansion of sheep or goats outside of established game management units for the species.
- B. Licenses will be offered to unsuccessful applicants for an adjacent or nearby unit for the same species, in the order in which they would have been drawn if successful.
- C. Manner of Take will be rifle and associated methods.

- D. Mandatory check requirements are the same as for established seasons for sheep or goat, except that mandatory tissue submission requirements may be stipulated for individual targeted surveillance hunts.
- E. Such licenses will not use or generate preference points.

#231-#235 - VACANT

ARTICLE V - BLACK BEAR

#236 - BAITING

A. It shall be unlawful to hunt black bear over bait as prohibited in §33-4-101.3, C.R.S.

#237 - ARCHERY BLACK BEAR SEASONS - ONLY LAWFUL HAND-HELD BOWS MAY BE USED TO HUNT OR TAKE BLACK BEAR DURING THIS SEASON.

A. Archery Seasons

1. Hunt type, Dates, Units (as described in Chapter 0 of these regulations), Licenses, Over

the Counter with a cap

Unit(s)	Season Dates: 09/02/2016 - 09/30/2016 Unless Otherwise Shown	
C.I.i.(5)	Hunt Code	Either-Sex Licenses (2015)
		Over the
		Counter with
		Сар
1	BE001U1A	5
2	BE002U1A	5
3, 11, 211, 301	BE003U1A	75
4, 5, 6, 14, 16, 17, 161, 171, 214, 441	BE004U1A	300
7, 8, 9, 19, 191	BE007U1A	50
10	BE010U1A	5
12, 13, 23, 24, 25, 26, 33, 131, 231	BE012U1A	400
15, 18, 27, 28, 37, 181, 371	BE015U1A	95
20, 29, 38	BE020U1A	80
21, 22, 30, 31, 32	BE021U1A	200
34	BE034U1A	30
35, 36, 44, 45, 361, 444	BE035U1A	310
39, 46, 51, 391, 461	BE039U1A	90
40	BE040U1A	30
41, 42, 52, 411, 421, 521	BE041U1A	400
43 - north and west of Capitol Creek and Capitol Peak, west and south of the Elk Mountains ridgeline between Capitol Peak and Snowmass Mountain, and west of Pitkin-Gunnison County lines	BE043U1A	160
43 - south and east of Capitol Creek and Capitol Peak, east and north of the Elk Mountains ridgeline between Capitol Peak and Snowmass Mountain, and east of Pitkin-Gunnison County lines, 47, 471	BE047U1A	160
48, 49, 56, 57, 481, 561	BE048U1A	110
50, 500, 501	BE050U1A	60

Limit(c)	09/02/2016	Season Dates: 09/02/2016 - 09/30/2016 Unless Otherwise Shown		
Unit(s)	Hunt Code	Either-Sex Licenses (2015)		
		Over the		
		Counter with		
50.00	DECECUIA	Cap		
53, 63	BE053U1A	150		
54, 55, 551	BE054U1A	75		
58, 581	BE058U1A	75		
59, 511, 591	BE059U1A	100		
60, 70	BE060U1A	120		
61	BE061U1A	15		
62, 64, 65	BE062U1A	200		
66, 67	BE066U1A	30		
68, 76, 79, 80, 81, 681, 682, 791	BE068U1A	60		
69, 84, 691	BE069U1A	75		
71, 72, 73, 74, 711, 741	BE071U1A	100		
75, 77, 78, 751, 771	BE075U1A	150		
82, 86, 861	BE082U1A	90		
83, 85, 140, 851 except Bosque del Oso SWA	BE083U1A	60		
201	BE201U1A	5		
851 Bosque del Oso SWA only	BE851U1A	5		
	TOTAL	3875		

#238 - MUZZLE-LOADING FIREARMS BLACK BEAR SEASON - ONLY LAWFUL MUZZLE-LOADING FIREARMS (RIFLES AND SMOOTHBORE MUSKETS) MAY BE USED TO HUNT OR TAKE BLACK BEAR

A. Muzzle-loading Firearms Seasons

1. Hunt type, Dates, Units (as described in Chapter 0 of these regulations), Licenses, Over the Counter with a cap

the Counter with a cap			
	n Dates:		
	09/10/2016- 09/18/2016		
	Unless Otherwise Shown		
		Either-Sex	
Unit(s)		Licenses	
	Hunt Code	(2015)	
	Hank Gode	(Over the	
		Counter with	
		Cap)	
1	BE001U1M	5	
2	BE002U1M	5	
3, 11, 211, 301	BE003U1M	20	
4, 5, 6, 14, 16, 17, 161, 171, 214, 441	BE004U1M	100	
7, 8, 9, 19, 191	BE007U1M	20	
10	BE010U1M	5	
12, 13, 23, 24, 25, 26, 33, 131, 231	BE012U1M	150	
15, 18, 27, 28, 37, 181, 371	BE015U1M	25	
20, 29, 38	BE020U1M	35	
21, 22, 30, 31, 32	BE021U1M	60	
34	BE034U1M	25	
35, 36, 44, 45, 361, 444	BE035U1M	200	
39, 46, 51, 391, 461	BE039U1M	40	
40	BE040U1M	15	
41, 42, 52, 411, 421, 521	BE041U1M	150	
43 - north and west of Capitol Creek and Capitol Peak, west and			
south of the Elk Mountains ridgeline between Capitol Peak and	BE043U1M	50	
Snowmass Mountain, and west of Pitkin-Gunnison County lines			
43 - south and east of Capitol Creek and Capitol Peak, east and			
north of the Elk Mountains ridgeline between Capitol Peak and	DE047111M	F0	
Snowmass Mountain, and east of Pitkin-Gunnison County lines,	BE047U1M	50	
47, 471			
48, 49, 56, 57, 481, 561	BE048U1M	45	
50, 500, 501	BE050U1M	50	
53, 63	BE053U1M	100	
54, 55, 551	BE054U1M	60	
58, 581	BE058U1M	30	
59, 511, 591	BE059U1M	40	
60, 70	BE060U1M	80	
61	BE061U1M	10	
62, 64, 65	BE062U1M	100	
66, 67	BE066U1M	15	
68, 76, 79, 80, 81, 681, 682, 791	BE068U1M	45	
69, 84, 691	BE069U1M	35	
71, 72, 73, 74, 711, 741	BE071U1M	60	
75, 77, 78, 751, 771	BE075U1M	75	
	•	-	

	Season Dates: 09/10/2016– 09/18/2016 Unless Otherwise Shown	
Unit(s)	Hunt Code	Either-Sex Licenses (2015) (Over the Counter with Cap)
82, 86, 861	BE082U1M	45
83, 85, 140, 851 except Bosque del Oso SWA	BE083U1M	25
201	BE201U1M	5
851 Bosque del Oso SWA only	BE851U1M	5
	TOTAL	1780

#239 - RIFLE AND ASSOCIATED METHODS - BLACK BEAR

A. Limited Rifle Seasons

Season Dates and Units (as described in Chapter 0 of these regulations)

 Season Dates: 09/02-09/30 Annually

	Season Dates: 09/02-09/30 Annually		
	Unless Otherwise Shown		
Unit	Hunt Code	Either-Sex Licenses (2015)	
1	BE001O1R	5	
2	BE002O1R	5	
3, 11, 211, 301	BE003O1R	150	
4, 5, 6, 14, 16, 17, 161, 171, 214, 441	BE004O1R	800	
7, 8, 9, 19, 191	BE007O1R	90	
10	BE010O1R	5	
12, 13, 23, 24, 25, 26, 33, 131, 231	BE012O1R	800	
15, 18, 27, 28, 37, 181, 371	BE015O1R	100	
20, 29, 38	BE020O1R	85	
21, 22, 30, 31, 32	BE021O1R	800	
34	BE034O1R	120	
35, 36, 44, 45, 361, 444	BE035O1R	1000	
39, 46, 51, 391, 461	BE039O1R	175	
40	BE040O1R	40	
41, 42, 52, 411, 421, 521	BE041O1R	1500	
43 - north and west of Capitol Creek and Capitol Peak, west and south of the Elk Mountains ridgeline between Capitol Peak and Snowmass Mountain, and west of Pitkin-Gunnison County lines	BE043O1R	270	
43 - south and east of Capitol Creek and Capitol Peak, east and north of the Elk Mountains ridgeline between Capitol Peak and Snowmass Mountain, and east of Pitkin-Gunnison County lines, 47, 471	BE047O1R	250	
48, 49, 56, 57, 481, 561	BE048O1R	200	
50, 500, 501	BE050O1R	75	
53, 63	BE053O1R	600	

	Season Dates: 09/02-09/30 Annually Unless Otherwise Shown		
Unit	Hunt Code	Either-Sex Licenses (2015)	
54, 55, 551	BE054O1R	125	
58, 581	BE058O1R	100	
59, 511, 591	BE059O1R	100	
60, 70	BE060O1R	240	
61	BE06101R	180	
62, 64, 65	BE062O1R	200	
66, 67	BE066O1R	65	
68, 76, 79, 80, 81, 681, 682, 791	BE068O1R	210	
69, 84, 691	BE069O1R	185	
71, 72, 73, 74, 711, 741	BE07101R	300	
75, 77, 78, 751, 771	BE075O1R	300	
82, 86, 861	BE082O1R	150	
83, 85, 140, 851 except Bosque del Oso SWA	BE083O1R	140	
201	BE201O1R	5	
851 Bosque del Oso SWA only	BE85101R 09/02/2016- 09/18/2016	5	
851 Bosque del Oso SWA only	BE851O2R 09/19/2016- 10/04/2016	5	
	TOTAL	9380	

B. Over the Counter with Caps Either-Sex Concurrent Rifle Season, Dates, Units (as described in Chapter 0 of these regulations), Licenses as shown by hunt code, concurrent with Regular Rifle Deer and Elk Seasons subject to season participation restrictions in #207.

	Season Dates: 10/15/2016-10/19/2016 and 10/22/2016-10/30/2016 and 11/05/2016-11/13/2016 and 11/16/2016-11/20/2016 Unless Otherwise Shown	
Unit	Hunt Code	Either-Sex Licenses (2015)
1	BE001U5R	5
2	BE002U5R	5
3, 11, 211, 301	BE003U5R	170
4, 5, 6, 14, 16, 17, 161, 171, 214, 441	BE004U5R	380
7, 8, 9, 19, 191	BE007U5R	160
10	BE010U5R	5
12, 13, 23, 24, 25, 26, 33, 34, 131, 231	BE012U5R	980
15, 18, 27, 28, 37, 181, 371	BE015U5R	115
20, 29, 38	BE020U5R	160
21, 22, 30, 31, 32	BE021U5R	360
35, 36, 43, 44, 45, 47, 361, 444, 471	BE035U5R	800
39, 46, 51, 391, 461	BE039U5R	170
40	BE040U5R	100
41, 42, 52, 411, 421, 521	BE041U5R	1230
48, 49, 56, 57, 481, 561	BE048U5R	240
50, 500, 501	BE050U5R	190
53, 63	BE053U5R	370
54, 55, 551	BE054U5R	85
58, 59, 511, 581, 591	BE058U5R	210
60, 62, 64, 65, 70	BE060U5R	465
61	BE061U5R	100
66, 67	BE066U5R	45
68, 79, 80, 81, 681, 682, 791	BE068U5R	100
69, 84, 691	BE069U5R	85
71, 72, 73, 74, 711, 741	BE071U5R	455
75, 77, 78, 751, 771	BE075U5R	500
76	BE076U5R	10
82, 86, 861	BE082U5R	130
83, 85, 140, 851 except Bosque del Oso SWA	BE083U5R	160
201	BE201U5R	5
851 Bosque del Oso SWA only	BE851U5R	7
	TOTAL	7797

C. Over the Counter with Caps Either-Sex Concurrent Rifle Season in Unit 61 Only, Dates, Units (as described in Chapter 0 of these regulations), Over the Counter as shown by hunt code, concurrent with the early either-sex elk season in Unit 61. Requires elk license EE061E1R to purchase.

Unit	Season Dates:	Licenses (2016)
61	BE061U6R 10/01/2016-10/07/2016	
	TOTAL	

D. Over the Counter Plains Regular Rifle Season, Dates, Units (as described in Chapter 0 of these regulations). Over the Counter as shown by hunt code

Unit	Season Dates:	Licenses (2015)
87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 141, 142, 143, 144, 145, 146, 147, 951	BE087U6R 09/02/2016- 11/20/2016	Unlimited
	TOTAL	Unlimited

E. Over the Counter with Cap Private Land Only Rifle Season, Dates, Units (as described in Chapter 0 of these regulations), Over the Counter as shown by hunt code

Unit	Season Dates:	Licenses (2015)
48, 49, 56, 57, 481, 561	BE048P5R 09/02/2016-11/20/2016	75
58, 581	BE058P5R 09/02/2016-11/20/2016	150
59, 511	BE059P5R 09/02/2016-11/20/2016	300
83, 85, 140, 851	BE083P1R 09/02/2016-09/30/2016	210
84 - That portion bounded on the north by Colo 96, Siloam Rd, Colo 78, Water Barrel Rd, and Burnt Mill Rd; on the east by I-25; on the south by Huerfano Co Rd 650 (Lascar Rd); and on the west by the San Isabel Forest boundary and Colo 165	BE084P5R 09/02/2016-11/20/2016	100
	TOTAL	835

F. Private Land Only Seasons

1. Private Land Only Dates, Unit (as described in Chapter 0 of these regulations), and Licenses, Limited Licenses as shown by hunt code.

Unit	Hunt Code	Date Open	Date Closed	Licenses (2015)
14	BE014P1R	09/02/2016	09/30/2016	20
15, 27	BE015P1R	09/02/2016	09/30/2016	20
15, 27	BE015P1R BE015P5R	10/01/2016	11/20/2016	
18, 28, 181	BE013F3R BE018P1R	09/02/2016	09/30/2016	10
18, 28, 181	BE018P5R	10/01/2016	11/20/2016	15
25, 26	BE025P1R	09/02/2016	09/30/2016	50
25, 26	BE025P1R	10/01/2016	11/20/2016	50
				40
30	BE030P1R	09/02/2016	09/30/2016	25
	BE030P5R	10/01/2016	11/20/2016	
31, 32	BE031P1R	09/02/2016	09/30/2016	80
31, 32	BE031P5R	10/01/2016	11/20/2016	80
34	BE034P1R	09/02/2016	09/30/2016	10
34	BE034P5R	10/01/2016	11/20/2016	20
35, 36, 43, 44, 45, 47, 361, 444, 471	BE035P1R	09/02/2016	09/30/2016	130
35, 36, 43, 44, 45, 47, 361, 444, 471	BE035P5R	10/01/2016	11/20/2016	120
37, 371	BE037P1R	09/02/2016	09/30/2016	10
37, 371	BE037P5R	10/01/2016	11/20/2016	5
40	BE040P1R	09/02/2016	09/30/2016	110
41, 42, 421	BE041P1R	09/02/2016	09/30/2016	250
41, 42, 421	BE041P5R	10/01/2016	11/20/2016	250
60, 70	BE060P1R	09/02/2016	09/30/2016	90
60, 70	BE060P5R	10/01/2016	11/20/2016	60
61	BE061P1R	09/02/2016	09/30/2016	60
62, 64, 65	BE062P1R	09/02/2016	09/30/2016	120
62, 64, 65	BE062P5R	10/01/2016	11/20/2016	90
69, 84, 691	BE069P1R	09/02/2016	09/30/2016	145
71, 72, 73, 74, 711, 741	BE071P1R	09/02/2016	09/30/2016	55
75, 77, 78, 751, 771	BE075P1R	09/02/2016	09/30/2016	60
86, 861	BE086P1R	09/02/2016	09/30/2016	95
131	BE131P1R	09/02/2016	09/30/2016	25
			TOTAL	2075

#240 - VACANT

#241 - SPECIAL RESTRICTIONS

- A. No person shall hunt, take or harass a bear in its den.
- B. No cubs shall be killed nor shall any black bear accompanied by one (1) or more cubs be killed. As used herein a "cub" shall mean any black bear less than one (1) year of age.
- C. Inspection and Seal Required.
 - 1. Black bear taken by licensed hunters shall be personally presented to the Division or other official designated by the Division for inspection and sealing within 5 working days after the taking thereof. Bear heads and hides must be unfrozen when presented for

inspection. If not unfrozen, the Division may retain heads and hides as necessary for thawing sufficient to extract a premolar tooth. No fee shall be required for the inspection and issuance of a legal possession seal, which shall remain attached to the hide until such hide is tanned.

- Black bears shall not be transported, shipped or otherwise taken out of Colorado until the hide and skull are inspected and sealed by authorized personnel of the Division.
 Possession of any bear hide not having a seal attached within the 5 working days shall be unlawful and such hide shall become the property of the State.
- 3. Inspection and sealing shall be arranged by contacting the Division Officer or the Division office.
- 4. A mandatory check report shall be accurately completed by the hunter at the time of inspection.
- 5. At the time of the mandatory check, the Division shall be authorized to extract and retain a premolar tooth.
- D. Individuals taking black bear under authority of §33-3-106(3) shall report the bear within five (5) days after the taking thereof as required by said statute and the carcass, hide and other parts of the bear shall remain the property of the state.

ARTICLE VI - MOUNTAIN LION

#242 - RIFLE AND ASSOCIATED METHODS MOUNTAIN LION SEASONS

A. General and Extended Seasons

- Dogs may be used to hunt mountain lion. However, the pack size shall be limited to no more than eight (8) dogs.
- 2. The hunter that takes a mountain lion shall be present at the time and place that any dogs are released on the track of a mountain lion and must continuously participate in the hunt until it ends. After a mountain lion has been pursued, treed, cornered or held at bay, a properly licensed person shall take or release the mountain lion immediately. No person shall in any manner restrict or hinder the mountain lion's ability to escape for the purpose of allowing a person who was not present at the time and place that any dogs were released, to arrive and take the mountain lion.
- 3. Without regard to harvest limit quotas, unit boundaries or season dates, the Director or his designee may authorize the taking of any problem lion by any lawful means designated, including but not limited to methods permitted under Article XVIII, Section 12b, of the Colorado Constitution, when such lion are causing damage to livestock or property or are frequenting areas of incompatibility with other users as may be necessary to protect public health, safety and welfare. The taking of lion under this section shall be by licensed hunters, houndsmen, or trappers who shall be bound by all other statutes and regulations regarding the taking and possession of mountain lion.
- 4. The Director shall establish a statewide list of hunters, houndsmen, and trappers to take problem lions taking into consideration the ability to respond, skill, experience, location, and the ability of the hunters, houndsmen, or trappers who have applied to participate in removal operations; and, in selecting participants from that list for any particular removal operation shall further take into consideration the urgency dictated by the situation and the environment in which the removal will occur.

- 5. Hunt Type, Dates, Units (as described in Chapter 0 of these regulations), and Harvest Limit Quotas.
 - a. Mountain Lion, Either-sex Season and Harvest Limit Quota In Game Management Units, as follows, the day after the close of the final combined rifle season through March 31 annually:

Units	Lion Harvest Limit Quota
1, 2	5
3, 301	5
4 (north of Co Rd 27 and USFS 110), 5	8
4 (south of Co Rd 27 and USFS 110), 14, 214, 441	5
6, 16, 17, 161, 171	4
7	1
8	4
9	3
10	10
11	12
12	18
13 (west of Hayden Divide Road)	12
13 (east of Hayden Divide Road), 131	5
15	5
18, 27, 28, 37, 181, 371	12
19	5
20	9
21	15
22	17
23	17
24	6
25, 26, 34	7
29	2
30	10
31	12
32	5
33	13
35, 36, 361	9
38	7
39, 391	7
40	7
41	5
42	10
43	7
44	6
45	1
46	6
47	1
48, 56, 481, , 561	10
49, 57, 58, 581	24
50, 500, 501	10
51	7
52, 411	10
53, 63	10
54, 55, 551	7

Units	Lion Harvest Limit Quota
59, 591	7
60	5
61	10
62	9
64	5
65	5
66, 67	8
68, 681, 682	6
69, 84, 86, 691, 861	26
70 east of Colo 141	10
70 west of Colo 141	6
71, 711	9
72	4
73	10
74, 741	6
75	4
76, 79, 791	5
77	6
78	5
80	5
81	4
82	6
83	10
85, 140, 851	24
87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99,	
100, 101, 102, 103, 106, 107, 109, 111, 112, 113,	5
114, 115, 116, 117, 118, 119, 120, 121, 122, 951	
104, 105, 110	5
123, 124, 125, 126, 127, 128, 129, 130, 132, 133,	
134, 135, 136, 137, 138, 139, 141, 142, 143, 144,	20
145, 146, 147	
191	8
201	5
211	17
421	10
444	7
461	7
511	4
521	6
751, 771	5
TOTAL	665

b. Mountain Lion, Either-sex Season and Harvest Limit Quota – In Game Management Units, as follows, April 1 - April 30 annually:

Units	Lion Harvest Limit Quota
1, 2	2
7	1
8	3
9	1
10	5
11	5

Units	Lion Harvest Limit Quota
12	1
13 (west of Hayden Divide Road)	3
13 (east of Hayden Divide Road), 131	3
19	2
20	6
21	2
23	1
24	1
29	2
30	1
31	5
32	2
33	4
38	4
39, 391	6
46	4
50, 500, 501	4
51	1
68, 681, 682	1
70 east of Colo 141	4
70 west of Colo 141	2
71, 711	1
72	3
73	4
81	1
87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99,	
100, 101, 102, 103, 106, 107, 109, 111, 112, 113,	5
114, 115, 116, 117, 118, 119, 120, 121, 122, 951	
104, 105, 110	3
123, 124, 125, 126, 127, 128, 129, 130, 132, 133,	
134, 135, 136, 137, 138, 139, 141, 142, 143, 144,	5
145, 146, 147	
191	4
201	3
211	12
461	4
TOTAL	121

B. Licenses and GMU Harvest Limit Quota Status

- 1. A valid mountain lion license is required to hunt any mountain lion.
- 2. Except as provided in 33-3-106 C.R.S., it is unlawful for any person to purchase or obtain a mountain lion hunting license or hunt mountain lions unless the person obtains a mountain lion education certificate issued by the Division attesting to the person's successful completion of the Division's certified mountain lion education and identification course. Any person required to obtain such a certificate shall have the certificate on his or her person while hunting or taking mountain lion.
- 3. Prior to each hunting trip in any game management unit, but not earlier than 5:00 p.m. of the day before hunting, lion hunters must contact 1-888-940-LION (1-888-940-5466), or any Division office and determine which game management units have not reached the

unit harvest quota and are open to hunting. It shall be unlawful to hunt in a unit after it is closed.

C. Special Restrictions

- Reporting and Sealing
 - a. The taking of mountain lions by licensed hunters shall be reported to the Division within 48 hours after the taking thereof, and except as provided in these regulations, the lion shall be personally presented by the hunter for inspection and sealing within five (5) days after the taking thereof. Mountain lion heads and hides must be unfrozen when presented for inspection. If not unfrozen, the Division may retain heads and hides as necessary for thawing sufficient to extract a premolar tooth. A mandatory check report shall be accurately completed by the hunter at the time of inspection, which shall include certification that all information provided is accurate.
 - b. At the time of the mandatory check, the Division shall be authorized to extract and retain a premolar tooth.
- 2. The legal possession seal when attached to the mountain lion skull or hide shall authorize possession, transportation, tanning or mounting thereof. No fee shall be required for the inspection and issuance of a legal possession seal which shall remain attached to the skull or hide until processed. Mountain lions shall not be transported, shipped or otherwise taken out of Colorado until the hide and skull are inspected and sealed.
- 3. All mountain lion taken or destroyed under Commission regulation #1702 or §33-3-106(3) C.R.S., as amended, shall remain the property of the state and shall be delivered to an officer of the Division within five (5) days. A report shall be given to an officer of the Division at the time of delivery which contains the following:
 - 1) Name(s) of person(s) who killed the animal(s).
 - 2) The county and the specific location of the kill.
 - 3) The species and number of animals killed.
 - 4) The reason for such action.
- Lions With Kittens No person shall kill a mountain lion accompanied by one or more kittens or kill a kitten.
- 5. "Kitten" shall mean a lion with spots.

ARTICLE VIII - DEER

#243-247 VACANT

#248 - ARCHERY DEER SEASONS - ONLY LAWFUL HAND HELD BOWS MAY BE USED TO HUNT OR TAKE DEER DURING THE FOLLOWING SEASONS:

A. Regular Seasons	Season Dates: 08/27/2016 – 09/25/2016 Unless Otherwise Shown				
Unit	Hunt Code		icenses (2015)		
Oille	riunt code	Antlered	Antlerless	Either Sex	
1	DM001O1A	1			
2	DM002O1A	4			
3, 4, 5, 14, 214, 301, 441	DE003O1A			550	
6, 16, 17, 161, 171	DM006O1A	100			
7, 8, 9, 19, 191	DE007O1A			700	
10	DM010O1A	2			
11, 13, 22, 131, 211, 231 and private land portions of 12, 23, and 24	DE011O1A			250	
12, 23 north of the White River, and 24 north of the North Fork of the White River	DE012O1A			100	
15	DE015O1A			215	
18, 27, 28, 37, 181, 371	DE018O1A			1160	
20	DE020O1A			300	
21, 30	DM021O1A	60			
23 south of the White River, and 24 south of the North Fork of the White River	DE023O1A			175	
25, 26	DE025O1A			150	
29	DE029O1A			150	
31, 32	DE03101A			200	
33	DE033O1A			125	
34	DE034O1A			100	
35, 36, 45, 361	DE035O1A			285	
38	DE038O1A			300	
39, 46	DE039O1A			200	
40	DM040O1A	80			
41, 42, 421	DE041O1A			325	
43, 47, 471	DE043O1A			175	
44	DE044O1A			65	
48, 56, 481, 561	DE048O1A			160	
49, 57, 58, 581	DE049O1A			360	
50, 500, 501	DE050O1A			200	
51	DE051O1A			115	
52, 411, 521	DM052O1A	150			
53	DM053O1A	45			
54	DM054O1A	50			
55	DM055O1A	50			
59, 511, 591	DM059O1A				
60	DM060O1A	50			
61	DM061O1A	50			
62	DM062O1A	185			
63	DM063O1A	50			
64, 65	DM064O1A	100			
66	DM066O1A	35			
67	DM067O1A	35			

A. Regular Seasons	Season Dates: 08/27/2016 – 09/25/2016 Unless Otherwise Shown					
Unit	Hunt Code	L	<u>icenses (2015)</u>			
		Antlered	Antlerless	Either Sex		
68, 681, 682	DM068O1A	80				
69, 84, 86, 691, 861	DE069O1A			325		
70	DM070O1A	130				
71, 711	DM071O1A	120				
72, 73	DM072O1A	115				
74	DM074O1A	110				
75, 751	DE075O1A			185		
76	DM076O1A	20				
77, 78, 771	DE077O1A			205		
79, 791	DM079O1A	10				
80, 81	DM080O1A	200				
82	DM082O1A	40				
85, 851 except Bosque del Oso SWA	DM085O1A	80				
140	DM140O1A	25				
201	DM201O1A	8				
391, 461	DE391O1A			100		
444	DE444O1A			100		
551	DM551O1A	20				
741	DE741O1A			60		
851 Bosque del Oso SWA only	DM851O1A	5				
TOTALS		2010		7485		

B. Late Seasons

1. Archery – Late Season, Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Hunt Code	Data Onen	Date	Licenses (2015)		
Hunt Code	Date Open	Closed	Antlered	Antlerless	Either Sex
	10/01/2016	10/28/2016			
DE087O1A	11/09/2016	11/30/2016			75
	12/15/2016	12/31/2016			
	10/01/2016	10/28/2016			
DE09101A	11/09/2016	11/30/2016			60
	12/15/2016	12/31/2016			
	10/01/2016	10/28/2016			
DE092O1A	11/09/2016	11/30/2016			60
	12/15/2016	12/31/2016			
	10/01/2016	10/28/2016			
DE093O1A	11/09/2016	11/30/2016			75
	12/15/2016	12/31/2016			
	10/01/2016	10/28/2016			
DE094O1A	11/09/2016	11/30/2016			150
	12/15/2016	12/31/2016			
	10/01/2016	10/28/2016			
DE096O1A	11/09/2016	11/30/2016			80
	12/15/2016	12/31/2016			
DE099O1A	10/01/2016	10/28/2016			50
	DE09101A DE09201A DE09301A DE09401A DE09601A	DE087O1A 10/01/2016 12/15/2016 12/15/2016 10/01/2016 11/09/2016 12/15/2016 12/15/2016 10/01/2016 12/15/2016 12/15/2016 10/01/2016 12/15/2016 12/15/2016 12/15/2016 12/15/2016 12/15/2016 10/01/2016 12/15/2016 10/01/2016 12/15/2016 10/01/2016 10/01/2016 12/15/2016	Hunt Code Date Open Closed DE08701A 10/01/2016 10/28/2016 11/09/2016 11/30/2016 12/31/2016 12/15/2016 12/31/2016 10/28/2016 DE09101A 11/09/2016 11/30/2016 12/15/2016 12/31/2016 12/31/2016 DE09201A 11/09/2016 11/30/2016 12/15/2016 12/31/2016 12/31/2016 DE09301A 11/09/2016 11/30/2016 12/15/2016 12/31/2016 12/31/2016 DE09401A 11/09/2016 11/30/2016 12/15/2016 12/31/2016 12/31/2016 DE09601A 11/09/2016 10/28/2016 11/09/2016 11/30/2016 11/30/2016 12/15/2016 12/31/2016 12/31/2016	DE08701A 10/01/2016 10/28/2016 12/15/2016 12/31/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/15/2016 12/31/2016 12/31/2016 12/15/2016 11/30/2016 12/31	DE08701A 10/01/2016 10/28/2016 11/30/2016 12/15/2016 11/30/2016 11/30/2016 11/30/2016 11/30/2016 11/30/2016 11/30/2016 11/30/2016 12/15/2016 11/30/2016 12/15/2016 12/31/2016 11/30

Unit	Hunt Code	Date Open	Date	Licenses (2015)		
Onit	Tiunt Code		Closed	Antlered	Antlerless	Either Sex
		11/09/2016	11/30/2016			
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
101, 102	DE10101A	11/09/2016	11/30/2016			50
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
103	DE103O1A	11/09/2016	11/30/2016			40
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
104, 105, 106	DE104O1A	11/09/2016	11/30/2016			420
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
107	DE107O1A	11/09/2016	11/30/2016			30
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
109	DE109O1A	11/09/2016	11/30/2016			35
		12/15/2016	12/31/2016			
110, 111, 118, 119, 123,	DE11002A	10/01/2016	10/28/2016			130
124	DETTUCZA	11/09/2016	12/31/2016			130
112, 113, 114, 115, 120,	DE112024	10/01/2016	10/28/2016			80
121	DE112O2A	11/09/2016	12/31/2016			80
		10/01/2016	10/28/2016			
116, 117	DE116O1A	11/09/2016	11/30/2016			50
		12/15/2016	12/31/2016			
100 105 106 107 100		10/01/2016	10/28/2016			
122, 125, 126, 127, 130,	DE12201A	11/09/2016	11/30/2016			240
132, 137, 138, 139, 146		12/15/2016	12/31/2016			
120 122 124 125	DE12002A	10/01/2016	10/28/2016			105
128, 133, 134, 135	DE128O2A	11/09/2016	12/31/2016			125
		10/01/2016	10/28/2016			
129	DE129O1A	11/09/2016	11/30/2016			20
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
136, 141, 147	DE136O1A	11/09/2016	11/30/2016			45
		12/15/2016	12/31/2016			
142	DE142024	10/01/2016	11/30/2016			25
142	DE142O2A	12/15/2016	12/31/2016			25
		10/01/2016	10/28/2016			
143, 144, 145	DE143O1A	11/09/2016	11/30/2016			40
		12/15/2016	12/31/2016			
TOTALS						
						1880

C. Private Land Only Deer Seasons

Archery - Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

			Date	Li ₀	censes (2015)	
Unit	Hunt Code	Date Open	Closed	Antlered	Antlerless	Either Sex

				Li	censes (2015)	
4, 13, 301 – Those portions not within Craig city limits in the following townships, ranges, and sections: • T6N R90W Sections 5, 6 • T6N R91W Sections 1, 2, 3 • T7N R90W Sections 29, 30, 31, 32 • T7N R91 W Sections 25, 26, 27, 34, 36	Burt Speck	Date Open 08/15/2016	Date 0 9736\$201 6		50	
 4, 13, 301 – Those portions not within Craig city limits in the following townships, ranges, and sections: T6N R90W Sections 5, 6 T6N R91W Sections 1, 2, 3 T7N R90W Sections 29, 30, 31, 32 T7N R91 W Sections 25, 26, 27, 34, 36 	DM004P5A	08/15/2016	09/30/2016	5		
30 – that portion south of the Highline Canal and east of West Salt Creek	DE030P5A	08/27/2016	10/31/2016			10
30 – that portion south of the Highline Canal and east of West Salt Creek	DF030P5A	08/27/2016	12/31/2016		10	
41 - Those portions bounded on the north by the Colorado River; on the east by the Orchard Mesa Canal and 38 Rd; on the south by the #2 Orchard Mesa Canal; and on the west by the 28 Rd alignment.	DE041P5A	08/27/2016	12/31/2016			25
41 - Those portions bounded on the north by the Colorado River; on the east by the Orchard Mesa Canal and38 Rd; on the south by the #2 Orchard Mesa Canal; and on the west by the 28 Rd alignment.	DF041P5A	08/27/2016	12/31/2016		10	
83	DM083P1A	08/27/2016	09/25/2016	7	70	25
TOTALS				12	70	35

D. Whitetail Only Deer Seasons

Archery - Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Limited Licenses.		Data Ones	Date	Licenses (2015)		
Unit	Hunt Code	Date Open	Closed	Antlered		Either Sex
		10/01/2016	10/28/2016			
103	DF103O3A	11/09/2016	11/30/2016		10	
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
104, 105, 106	DE104O3A	11/09/2016	11/30/2016			50
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
107	DE107O3A	11/09/2016	11/30/2016			30
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
107	DF107O3A	11/09/2016	11/30/2016		20	
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
109	DE109O3A	11/09/2016	11/30/2016			30
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
109	DF109O3A	11/09/2016	11/30/2016		20	
		12/15/2016	12/31/2016			
110, 111, 118, 119, 123,	DE110044	10/01/2016	10/28/2016			100
124	DE110O4A	11/09/2016	12/31/2016			100
110, 111, 118, 119, 123,	DE110011	10/01/2016	10/28/2016			
124	DF110O4A	11/09/2016	12/31/2016		50	
112, 113, 114, 115, 120,	DE110011	10/01/2016	10/28/2016			0.0
121	DE112O4A	11/09/2016	12/31/2016			80
112, 113, 114, 115, 120,	DE110011	10/01/2016	10/28/2016			
121	DF112O4A	11/09/2016	12/31/2016		50	
		10/01/2016	10/28/2016			
116, 117	DE116O3A	11/09/2016	11/30/2016			60
,		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
116, 117	DF116O3A	11/09/2016	11/30/2016		30	
,		12/15/2016	12/31/2016			
100 100 100 100		10/01/2016	10/28/2016			
122, 125, 126, 127, 130,	DE122O3A	11/09/2016	11/30/2016			120
132, 137, 138, 139, 146		12/15/2016	12/31/2016			
100 100 100 100		10/01/2016	10/28/2016			
122, 125, 126, 127, 130,	DF122O3A	11/09/2016	11/30/2016		100	
132, 137, 138, 139, 146		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
128, 133, 134, 135	DE128O4A	11/09/2016	12/31/2016			50
		10/01/2016				
128, 133, 134, 135	DF128O4A	11/09/2016	10/28/2016		30	
			12/31/2016			
		10/01/2016	10/28/2016			
129	DE129O3A	11/09/2016	11/30/2016			20
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
129	DF129O3A	11/09/2016	11/30/2016		15	
	12000, (12/15/2016	12/31/2016			
136, 141, 147	DE136O3A	10/01/2016	10/28/2016			30
		11/09/2016	11/30/2016			
	1	1 0012010	±±/00/20±0			

Unit	Hunt Code	Data Open	Date	Licenses (2015)		
Onit	Hulli Code	Date Open	Closed	Antlered	Antlerless	Either Sex
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
136, 141, 147	DF136O3A	11/09/2016	11/30/2016		10	
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
143, 144, 145	DE143O3A	11/09/2016	11/30/2016			20
		12/15/2016	12/31/2016			
		10/01/2016	10/28/2016			
143, 144, 145	DF143O3A	11/09/2016	11/30/2016		30	
		12/15/2016	12/31/2016			
TOTALS					365	590

#249 - MUZZLE LOADING FIREARMS (RIFLE AND SMOOTHBORE MUSKET) DEER SEASON – ONLY LAWFUL MUZZLE-LOADING FIREARMS MAY BE USED TO HUNT OR TAKE DEER DURING THE FOLLOWING SEASONS:

A. Regular Seasons

 Muzzle-loading, Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses. 					
Limited Licenses.	Season Dates: 09/10/2016 – 09/18/2016 Unless Otherwise Shown				
I I with	Licenses (2015)				
Unit	Hunt Code	Antlered	Antlerless		
1	DM001O1M	1			
2	DM002O1M	5			
3, 4, 5, 14, 214, 301, 441	DM003O1M	100			
3, 4, 5, 14, 214, 301, 441	DF003O1M		75		
6, 16, 17, 161, 171	DM006O1M	50			
7, 8, 9, 19, 191	DM007O1M	500			
7, 8, 9, 19, 191	DF007O1M		50		
10	DM010O1M	1			
11, 13, 22, 131, 211, 231 and private land portions of 12, 23, and 24	DM011O1M	150			
11, 13, 22, 131, 211, 231 and private land portions of 12, 23, and 24	DF011O1M		10		
12, 23 north of the White River, and 24 north of the North Fork of the White River	DM012O1M	50			
12, 23 north of the White River, and 24 north of the North Fork of the White River	DF012O1M		10		
15	DM015O1M	120			
15	DF015O1M		60		
18, 27, 28, 37, 181, 371	DM018O1M	660			
18, 27, 28, 37, 181, 371	DF018O1M		460		
20	DM020O1M	125			
20	DF020O1M		50		
21, 30	DM021O1M	25			
23 south of the White River, and 24 south of the North Fork of the White	DM023O1M	75			

1. Muzzle-loading, Deer, Dates, Units (as described in Chapter 0 of these regulations), **Limited Licenses. Season Dates:** 09/10/2016 - 09/18/2016 **Unless Otherwise Shown** Licenses (2015) Unit **Hunt Code** Antlered Antlerless River 23 south of the White River, and 24 south of the North Fork of the White 10 DF023O1M River 25, 26 DM025O1M 70 25, 26 65 DF025O1M 29 60 DM029O1M 29 DF029O1M 35 31, 32 110 DM03101M 33 DM033O1M 50 33 10 DF033O1M 34 70 DM034O1M 34 DF034O1M 65 35, 36, 45, 361 210 DM035O1M 35, 36, 45, 361 DF035O1M 100 38 DM038O1M 150 38 50 DF038O1M 39, 46 75 DM039O1M 39, 46 25 DF039O1M 40 DM04001M 35 41, 42, 421 DM04101M 250 41, 42, 421 DF04101M 10 43, 47, 471 DM043O1M 175 43. 47. 471 DF043O1M 10 43, 47, 471 – Youth only DF043K1M 10 44 50 DM044O1M 44 DF044O1M 10 48, 56, 481, 561 DM048O1M 70 48, 56, 481, 561 25 DF048O1M 150 49, 57, 58, 581 DM049O1M 49, 57, 58, 581 DF04901M 25 50, 500, 501 DM050O1M 100 51 DM05101M 35 51 DF051O1M 15 52, 411, 521 DM052O1M 60 20 DM053O1M 53 54 DM054O1M 45 55 DM055O1M 35 59, 511, 591 DM059O1M 60 59, 511, 591 10 DF059O1M 10 60 DM060O1M 61 DM06101M 15 62 DM062O1M 30 63 25 DM063O1M 64, 65 25 DM064O1M 66 DM066O1M 25

DM067O1M

25

67

	Season Dates: 09/10/2016 – 09/18/2016 Unless Otherwise Shown							
11			es (2015)					
Unit	Hunt Code	Antlered	Antlerless					
68, 681, 682	DM068O1M	90						
69, 84, 86, 691, 861	DM069O1M	185						
69, 84, 86, 691, 861	DF069O1M		25					
70	DM070O1M	80						
71, 711	DM071O1M	70						
72, 73	DM072O1M	95						
74	DM074O1M	105						
75, 751	DM075O1M	160						
75, 751	DF075O1M		10					
76	DM076O1M	15						
77, 78, 771	DM077O1M	205						
77, 78, 771	DF077O1M		10					
79, 791	DM079O1M	20						
80, 81	DM080O1M	135						
82	DM082O1M	50						
85, 851 except Bosque del Oso SWA	DM085O1M	20						
140	DM140O1M	5						
201	DM201O1M	8						
391, 461	DM391O1M	25						
391, 461	DF391O1M		10					
444	DM444O1M	50						
444	DF444O1M		10					
501	DF501O1M		25					
551	DM551O1M	15						
741	DM741O1M	40						
741	DF741O1M		5					
851 Bosque del Oso SWA only	DM851O1M	5						
TOTALS		5275	1285					

B. Eastern Plains Season (East of I-25)

1. Muzzle-loading – Easter	n Plains Season, Deer,	Dates, Units (as d	lescribed in					
Chapter 0 of these regu	lations), Limited Licens	ses.						
	Season Dates: 10/08/2016 – 10/16/2016							
Unit	Unless Otherwise Shown							
	Hunt Code -	License	es (2015)					
		Antlered	Antlerless					
87, 88, 89, 90, 95	DM087O2M	40						
87, 88, 89, 90, 95	DF087O2M		40					
91	DM091O2M	25						
91	DF091O2M		25					
92	DM092O2M	25						
92	DF092O2M		25					
93, 97, 98, 100	DM093O2M	25						
93, 97, 98, 100	DF093O2M		30					
94	DM094O2M	10						

1. Muzzle-loading – Easter Chapter 0 of these regu			lescribed in				
Chapter of these regu	Season Dates: 10/08/2016 – 10/16/2016						
Unit	Unle	ess Otherwise Show	vn				
	Hunt Code		es (2015)				
		Antlered	Antlerless				
94	DF094O2M		15				
96	DM096O2M	35					
96	DF096O2M		25				
99	DM099O2M	25					
99	DF099O2M		30				
101, 102	DM101O2M	20					
101, 102	DF101O2M		20				
103	DM103O2M	10					
103	DF103O2M		15				
104, 105, 106	DM104O2M	35					
104, 105, 106	DF104O2M		25				
107, 112, 113, 114, 115, 120, 121	DM107O2M	75					
107, 112, 113, 114, 115, 120, 121	DF107O2M		30				
109	DM109O2M	10					
109	DF109O2M		10				
110, 111, 118, 119, 123, 124	DM110O2M	15					
110, 111, 118, 119, 123, 124	DF110O2M		15				
116, 117	DM116O2M	10					
116, 117	DF116O2M		10				
122, 125, 126, 127, 130, 132, 137, 138, 139, 146	DM122O2M	35					
122, 125, 126, 127, 130, 132, 137, 138, 139, 146	DF122O2M		30				
128, 129, 133, 134, 135, 136, 141, 147	DM128O2M	25					
128, 129, 133, 134, 135, 136, 141, 147	DF128O2M		10				
142	DM142O2M	15					
142	DF142O2M		10				
143, 144, 145	DM143O2M	15					
143, 144, 145	DF143O2M		15				
951	DM951O2M	15					
951	DF951O2M		15				
TOTALS		465	395				

C. Private Land Only Deer Seasons

 Muzzle-loading – Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

	Hunt Code		Date	Licenses (2015)				
Unit		Date Open	Closed	Antlered	Antlerless	Either Sex		
83	DM083P1M	09/10/2016	09/18/2016	8				
TOTAL				8				

D. Whitetail Only Deer Seasons

1. Muzzle-loading - Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Unit	Season I 10/08/2016 – : Antler	10/16/2016	Season Dates: 10/08/2016 – 10/16/2016 Either-sex			
	Hunt Code	Licenses (2015)	Hunt Code	Licenses (2015)		
104, 105, 106	DF104O3M	45	DE104O3M	15		
107, 112, 113, 114, 115, 120, 121	DF107O3M	15	DE107O3M	80		
109	DF109O3M	20	DE109O3M	35		
110, 111, 118, 119, 123, 124	DF110O3M	45	DE110O3M	50		
116, 117	DF116O3M	15	DE116O3M	20		
122, 125, 126, 127, 130, 132, 137, 138, 139, 146	DF122O3M	10	DE122O3M	60		
128, 129, 133, 134, 135, 136, 141, 147	DF128O3M	20	DE128O3M	10		
143, 144, 145	DF143O3M	10	DE143O3M	20		
TOTALS		180		290		

#250 - RIFLE AND ASSOCIATED METHODS DEER SEASONS - ANY LAWFUL METHOD OF TAKE PERMITTED

A. Early Seasons

1. Early Rifle Season, Deer, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Unit	Hunt Code	Date Onen	Date	Licenses	(2015)
Offic	Hunt Code	Date Open	Closed	Antlered	Antlerless
That portion of GMU 6 above 10,000 feet elevation and GMU 7 within the Rawah Wilderness area	DM006E1R	09/03/2016	09/11/2016	10	
6	DM006E2R	09/26/2016	10/04/2016	30	
Those portions of GMUs 12, 24, 25, 26, and 231 within the Flat Tops Wilderness Area	DM012E1R	09/03/2016	09/11/2016	10	
Those portions of GMUs 14, 16, and 161 within the Mt. Zirkel Wilderness Area	DM014E1R	09/03/2016	09/11/2016	50	
16	DM016E1R	09/26/2016	10/04/2016	30	
17	DM017E1R	09/26/2016	10/04/2016	25	
That portion of GMU 36 within the Eagles Nest Wilderness Area.	DM036E1R	09/10/2016	09/18/2016	15	
That portion of GMU 43 within the Maroon Bells-Snowmass Wilderness area	DM043E1R	09/10/2016	09/18/2016	20	
Those portions of GMUs 44, 45, and 444 within the Holy Cross Wilderness	DM044E1R	09/10/2016	09/18/2016	15	

Unit	Hunt Code	Date Open	Date	Licenses	(2015)
Offic	Hulli Code	Date Open	Closed	Antlered	Antlerless
Area					
That portion of GMU 47 within the Hunter-Fryingpan Wilderness Area	DM047E1R	09/10/2016	09/18/2016	20	
Those portions of GMUs 48, 56, 481, 561 above timberline	DM048E1R	09/10/2016	09/18/2016	20	
That portion of GMU 65 above 11,000 feet elevation	DM065E1R	09/10/2016	09/18/2016	15	
That portion of GMU 74 above timberline	DM074E1R	09/03/2016	09/11/2016	25	
Those portions of GMUs 82, 86, and 861 above timberline	DM082E1R	09/03/2016	09/11/2016	30	
161	DM161E1R	09/26/2016	10/04/2016	30	
171	DM171E1R	09/26/2016	10/04/2016	25	
471	DM471E1R	09/10/2016	09/18/2016	20	
TOTAL				390	

B. Regular Rifle Deer Seasons

 Combined over the counter white-tailed rifle deer seasons, Dates, Units (as described in Chapter 0 of these regulations).

	-		Date	Licenses (2015)				
Unit	Hunt Code	Date Open	Closed	Antlered	Antlerless	Either Sex		
48, 49, 56, 57, 58, 59, 69, 84, 85, 86, 140, 481, 511, 561, 581, 591, 691, 851 except Bosque del Oso SWA, 861 Available for purchase at CPW offices only	DE048U6R	12/01/2015	12/31/2015			Unlimited		

C. Regular Rifle Deer Seasons

1. Combined rifle deer seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Unit	2 nd Season (Combined) Season Dates: 10/22/2016 – 10/30/2016 Unless Otherwise Shown Hunt Code Licenses			3 rd Season Season 11/05/2016 Unless Othe	4 th Season Seasor 11/16/2016 Unless Othe Hunt Code	: /2016	FLOAT	Total (2015)			
		(20	15)		(20	nses 15) ဟု		(20	15)		
		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		
1	DM00102R	11		DM00103R	4						15
2	DM002O2R	15		DM002O3R	10						25
3, 301	DM003O2R	475		DM003O3R	575		DM003O4R	10			1060
3, 301	DF003O2R		100	DF003O3R		145					245
4, 14, 214, 441	DM004O2R	775		DM004O3R	275		DM004O4R	10			1060
4, 14, 214, 441	DF004O2R		200	DF004O3R		35					235
5	DM00502R	75		DM00503R	30		DM005O4R	10			115
5	DF005O2R		20	DF005O3R		10					30
6	DM006O2R	20		DM006O3R	15						35
6, 16, 17, 161, 171							DM006O4R	10			10
7, 8	DM007O2R			DM007O3R			DM007O4R	170		575	745
7, 8	DF007O2R		130	DF007O3R							130
9, 19, 191	DM009O2R			DM00903R			DM009O4R	400		1050	1450
9, 19, 191	DF009O2R		200	DF009O3R							200
10	DM01002R	20		DM010O3R	5						25
11, 211	DM01102R	350		DM01103R	275		DM01104R	10			635
11, 211	DF011O2R		10	DF01103R		10					20

Unit	2 nd Season (Combined) Season Dates: 10/22/2016 – 10/30/2016 Unless Otherwise Shown			Seasoi 11/05/2016	3 rd Season (Combined) Season Dates: 11/05/2016 – 11/13/2016 Unless Otherwise Shown			(Combi Dates - 11/20/ erwise \$	2016	FLOAT	Total (2015)
	Hunt Code	Lice	nses 15)	Hunt Code	Lice (20		Hunt Code	Licenses (2015)			
		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		
12, 13, 23, 24	DM012O2R	675		DM012O3R	425		DM012O4R	10			1110
12, 13, 23, 24	DF012O2R		10	DF012O3R		10					20
15	DM015O2R	425		DM015O3R	295		DM015O4R	30			750
15	DF015O2R			DF015O3R						230	230
16	DM016O2R	15		DM016O3R	15						30
17	DM01702R	15		DM01703R	15						30
18, 28, 37, 371	DM018O2R	1775		DM018O3R	1500		DM018O4R	270			3545
18, 28, 37, 371	DF018O2R		820	DF018O3R		820					1640
20	DM020O2R			DM020O3R			DM020O4R	125		370	495
20	DF020O2R			DF020O3R			DF020O4R			30	30
21	DM02102R	265		DM02103R	60						325
22	DM022O2R	275		DM022O3R	250		DM022O4R	10			535
22	DF022O2R		10	DF022O3R		10					20
25, 26	DM02502R	395		DM02503R	265		DM025O4R	50		005	710
25, 26	DF025O2R	015		DF025O3R	F4.F		D1400704D	00		365	365
27, 181	DM027O2R	615	410	DM027O3R	515	075	DM027O4R	90			1220
27, 181	DF027O2R	00	410	DF027O3R	00	275	DM02004D	00			685
29 29	DM029O2R DF029O2R	80	25	DM029O3R DF029O3R	80	25	DM029O4R DF029O4R	80	25		240 75
30	DM03002R	80	25	DM030O3R	45	25	DF02904R		25		125
30	DF030O2R	00	10	DF030O3R	45	10					20
31, 32	DM03102R	250	10	DM03103R	165	10					415
33	DM033O2R	450		DM033O3R	275		DM033O4R	12			737
34	DM034O2R	220		DM034O3R	150		DM034O4R	35			405
34	DF034O2R			DF034O3R			22.2			130	130
35, 36, 45, 361	DM035O2R	685		DM035O3R	495		DM035O4R	20			1200
35, 36, 45, 361	DF035O2R			DF035O3R						275	275
38	DM038O2R			DM038O3R			DM038O4R	160		300	460
38	DF038O2R			DF038O3R			DF038O4R			190	190
39, 46	DM039O2R			DM039O3R			DM039O4R	50		275	325
39, 46	DF039O2R		25	DF039O3R		25	DF039O4R		25		75
40	DM040O2R	135		DM040O3R	95						230
41, 42, 421	DM04102R			DM04103R						1800	1800
41, 42,	DF04102R			DF04103R						10	10

Unit	2 nd Season (Combined) Season Dates: 10/22/2016 – 10/30/2016 Unless Otherwise Shown			Seasoi 11/05/2016	3 rd Season (Combined) Season Dates: 11/05/2016 – 11/13/2016 Unless Otherwise Shown			(Combi Dates - 11/20/ erwise \$: /2016	FLOAT	Total (2015)
	Hunt Code	Lice	nses	Hunt Code	I .	nses	Hunt Code Licenses (2015)				
			15) 	-	(20						
		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		
421											
43, 47, 471	DM043O2R	240		DM043O3R	160		DM043O4R	10			410
43, 47, 471	DF043O2R			DF043O3R						10	10
43, 47, 471 -Youth Only	DF043K2R			DF043K3R						10	10
44	DM044O2R	50		DM044O3R	15		DM044O4R	15			80
44	DF044O2R		10	DF044O3R		10					20
48, 56, 481, 561	DM048O2R			DM048O3R						700	700
49, 57, 58, 581	DM049O2R			DM049O3R						1800	1800
49, 57	DF049O2R		10	DF049O3R		10					20
50, 500, 501	DM050O2R	225		DM050O3R	225						450
51	DM05102R	75		DM05103R	75		DM051O4R	50			200
52, 411, 521	DM052O2R	490		DM052O3R	160		DM052O4R	15			665
53	DM053O2R	120		DM053O3R	95		DM053O4R	10			225
54	DM054O2R	295		DM054O3R	70		DM054O4R	10			375
55	DM055O2R	190		DM055O3R	55		DM055O4R	10			255
55	DF055O2R		50	DF055O3R		45					95
58, 581	DF058O2R		10	DF058O3R		10				050	20
59, 511	DM059O2R	70		DM059O3R	70		DM0000 45	_		250	250
60	DM06002R	70		DM06003R	70		DM060O4R	5			145
61	DM06102R	115		DM06103R	110						225
62	DM062O2R	390		DM062O3R	355		DM06204D	10			745
63 64, 65	DM063O2R DM064O2R	105 300		DM063O3R DM064O3R	85 270		DM063O4R DM064O4R	10 10			200 580
66	DM06402R DM06602R	105		DM06403R DM06603R	40		DM06404R DM06604R	10			155
66	DF066O2R	100	45	DF066O3R	40	30	DIVIOUUU4R	10			75
67	DM06702R	105	75	DM06703R	40	30	DM067O4R	10			155
67	DF067O2R	100	70	DF067O3R	70	30	5,110070410	10			100
68, 681, 682	DM068O2R	190		DM068O3R	170		DM068O4R	15			375
69, 84, 86, 691,	DM069O2R	365		DM069O3R	365						730

Unit	2 nd Season Seaso 10/22/2016 Unless Othe	n Dates: - 10/30/	: /2016	3 rd Season Season 11/05/2016 Unless Othe	n Dates: – 11/13/	2016	Season Dates: 2016 11/16/2016 – 11/20/2016				Total (2015)
	Hunt Code		nses 15)	Hunt Code	Lice (20		Hunt Code		nses 15)		
		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		ANTLERED	ANTLERLESS		
861											
70	DM070O2R	400		DM070O3R	400		DM070O4R	40			840
71, 711	DM07102R	330		DM07103R	460		DM071O4R	40			830
72, 73	DM072O2R	280		DM072O3R	350		DM072O4R	55			685
74	DM074O2R			DM074O3R			DM074O4R	50		320	370
75, 751	DM075O2R	405		DM075O3R	335		DM075O4R	90			830
75, 751	DF075O2R			DF075O3R			DF075O4R			10	10
76	DM076O2R	25		DM076O3R	20						45
77, 78, 771	DM077O2R	695		DM077O3R	495		DM077O4R	120			1310
77, 78, 771	DF077O2R			DF077O3R			DF077O4R			10	10
79, 791	DM079O2R	75		DM079O3R	90		DM079O4R	10			175
80, 81	DM080O2R	255		DM080O3R	255		DM080O4R	35			545
82	DM082O2R	140		DM082O3R	100		DM082O4R	5			245
85, 851 except Bosque del Oso SWA	DM085O2R	310		DM085O3R	215						525
131, 231	DM13102R	50		DM13103R	25						75
140	DM140O2R	105		DM140O3R	70						175
161	DM16102R	25		DM16103R	15						40
171	DM17102R	15		DM17103R	15						30
201	DM20102R	23		DM20103R	14		DM20104R	3			40
391, 461	DM391O2R			DM391O3R			DM391O4R	100		200	300
444	DM444O2R	200		DM444O3R	85		DM444O4R	25			310
444	DF444O2R		10	DF444O3R		10					20
501							DM50104R	30			30
501	DF501O2R		60	DF501O3R		60					120
511							DM51104R	15			15
511	DF51102R			DF51103R						10	10
551	DM55102R	120		DM55103R	35		DM551O4R	10			165
551	DF55102R		30	DF55103R		25				-	55
741	DM74102R			DM74103R			DM74104R	20		200	220
851 Bosque del Oso SWA only	DM851O1R 10/15/2016- 10/19/2016	4		DM851O2R 10/22/2016- 10/30/2016	4						8
TOTALS		14983	2265		11177	1605		2390	50	9120	41590

	lations), Limited Lice	Season 10/29/2016 –	11/08/2016				
	Unless Otherwise Shown						
Unit	Hunt Code	Antlered Licenses (2015)	Hunt Code	Antlerless Licenses (2015)			
37	DM087O1R	40	DF087O1R	45			
38	DM088O1R	30	DF088O1R	45			
39	DM089O1R	40	DF089O1R	50			
90	DM090O1R	20	DF090O1R	30			
)1	DM09101R	20	DF091O1R	50			
92	DM092O1R	20	DF092O1R	50			
93	DM093O1R	20	DF093O1R	15			
)4	DM094O1R	30	DF094O1R	30			
95	DM095O1R	45	DF095O1R	60			
96	DM096O1R	35	DF096O1R	50			
97	DM097O1R	20	DF097O1R	15			
98	DM098O1R	35	DF098O1R	40			
99	DM099O1R	80	DF099O1R	100			
L00	DM10001R	30	DF100O1R	30			
L01	DM10101R	25	DF101O1R	30			
.02	DM102O1R	45	DF102O1R	65			
.03	DM103O1R	25	DF103O1R	80			
.04	DM104O1R	100	DF104O1R	55			
.05, 106	DM105O1R	325	DF105O1R	135			
.07	DM107O1R	75	DF107O1R	50			
.09	DM109O1R	40	DF109O1R	40			
10	DM11001R	60	DF110O1R	55			
.11	DM11101R	25	DF11101R	15			
.12	DM11201R	30	DF112O1R	30			
13	DM11301R	20	DF113O1R	20			
14, 115	DM11401R	65	DF114O1R	70			
.16	DM116O1R	30	DF116O1R	20			
.17	DM11701R	20	DF117O1R	20			
.18, 123	DM118O1R	70	DF118O1R	20			
.19	DM11901R	45	DF119O1R	20			
.20, 121	DM120O1R	50	DF120O1R	60			
.22	DM122O1R	25	DF122O1R	50			
.24	DM124O1R	50	DF124O1R	35			
.25	DM125O1R	15	DF125O1R	20			
.26	DM126O1R	30	DF126O1R	30			
.27	DM127O1R	35	DF127O1R	30			
.28, 129	DM128O1R	90	DF128O1R	50			
.30	DM130O1R	20	DF130O1R	20			
.32	DM132O1R	30	DF132O1R	15			
L33	DM133O1R	20	DF133O1R	10			
L34	DM134O1R	30	DF134O1R	15			
.35	DM135O1R	30	DF135O1R	15			
.36, 147	DM136O1R	85	DF136O1R	10			
.37	DM137O1R	20	DF137O1R	10			
38, 146	DM138O1R	20	DF138O1R	20			

 Plains Regular Rifle, Season Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses. 							
	Season Dates 10/29/2016 – 11/08/2016 Unless Otherwise Shown						
Unit	Hunt Code	Antlered Licenses (2015)	Hunt Code	Antlerless Licenses (2015)			
139	DM139O1R	25	DF139O1R	15			
141	DM14101R	20					
143, 144, 145	DM14301R 50 DF14301R 15						
951	DM951O1R 60 DF951O1R 35						
TOTALS	2165 1810						

 Regular Plains Whitetail Only Season, Dates, Units (as described in Chapter 0 of these regulations, Limited Licenses 						
Unit	Season I 10/29/2016 – Antler	11/08/2016	Season Dates: 10/29/2016 – 11/08/2016 Either-sex			
	Hunt Code	Licenses (2015)	Hunt Code	Licenses (2015)		
104	DF104O2R	45	DE104O2R	5		
105, 106	DF105O2R	55	DE105O2R	25		
107, 112, 113, 114, 115, 120, 121	DF107O2R	70	DE107O2R	70		
109	DF109O2R	50	DE109O2R	50		
110, 111, 118, 119, 123, 124	DF110O2R	30	DE11002R	35		
116, 117	DF116O2R	25	DE116O2R	40		
122, 126, 127	DF122O2R	10	DE122O2R	55		
125, 130	DF125O2R	10	DE125O2R	25		
128, 129, 133, 134, 135, 136, 141, 147			DE128O2R	65		
132, 139	DF132O2R	10	DE132O2R	30		
137, 138, 146	DF137O2R	10	DE137O2R	10		
143, 144, 145	DF143O2R	15	DE143O2R	30		
TOTALS		330		440		

D. Late Deer Seasons

1. Late Regular Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Licenses.

Unit Hunt Code		Date Open	Date	Licenses (2015)		
Offic	Hulli Coue	Date Open	Closed	Antlered	Antlerless	Either-sex
38 Jefferson County portion only	DF038L1R	12/01/2016	01/31/2017		125	

Unit	Hunt Code	Date Open	Date	L	icenses (201	
	Hunt Code	Date Open	Closed	Antlered	Antlerless	Either-sex
38 Jefferson County portion only	DE038L1R	12/01/2016	01/31/2017			125
56 That portion bounded on the north and east by Colo 291; on the south by US 50; and on the west by Colo 285	DF056L1R	09/01/2016	10/31/2016		80	
Those portions bounded on the north by the Arapahoe/ Douglas/ Elbert County lines; on the east by CR 29, CR 33, Colo 86, CR 17/21, CR 15/21; on the south by CR 86/Steele Ave, E. Cherry Creek Rd and E. Jones Rd,; and on the west by Colo 83	DF104L3R	10/01/2016	12/31/2016		400	

Unit	Unit Hunt Code		Date		Licenses (2015)	
	Huilt Code	unt Code Date Open	Closed	Antlered	Antlerless	Either-sex
211 That portion bounded on the north and east by Moffat Co Rd 17; on the south by Moffat Co Rd 32, and on the west by Moffat Co Rd 55	DF211L1R	12/01/2016	12/31/2016		5	
481 – That portion bounded on the north by Chaffee Co Rds 384A and 384; on the east by the Arkansas River; on the south by Chaffee Co Rds 306, 337, Gregg Drive, Chaffee Co Rd 319 and US 24; and on the west by Chaffee Co Rd 361	DF481L1R	09/01/2016	10/31/2016		80	
512	DM512L1R	12/01/2016	12/31/2016	15		
512	DF512L1R	12/01/2016	12/31/2016		15	
591	DM591L1R	10/01/2016	01/31/2017	50		
591	DF591L1R	10/01/2016	01/31/2017		25	4.5-
TOTALS				65	730	125

2. Late Plains Season, Dates (unless otherwise shown), Units (as described in Chapter 0 of these regulations), Limited Licenses.

Unit			Season Dates: 12/01/2016 – 12/14/2016 Antlerless		
	Hunt Code	Licenses (2015)	Hunt Code	Licenses (2015)	
87	DM087L1R	40			
88	DM088L1R	35			
89	DM089L1R	50	DF089L1R	50	
90	DM090L1R	25	DF090L1R	30	
91	DM091L1R	25	DF091L1R	50	
92	DM092L1R	25	DF092L1R	50	
93	DM093L1R	25	DF093L1R	15	
94	DM094L1R	40	DF094L1R	35	
95	DM095L1R	55	DF095L1R	60	
96	DM096L1R	45	DF096L1R	50	
97	DM097L1R	25	DF097L1R	15	
98	DM098L1R	40	DF098L1R	40	
99	DM099L1R	90	DF099L1R	100	
100	DM100L1R	40	DF100L1R	30	
101	DM101L1R	30	DF101L1R	30	
102	DM102L1R	55	DF102L1R	65	
103	DM103L1R	10	DF103L1R	40	
104	DM104L1R	60	DF104L1R	90	
105, 106	DM105L1R	80	DF105L1R	105	
107	DM107L1R	40	DF107L1R	25	
109	DM109L1R	30	DF109L1R	20	
116	DM116L1R	25	DF116L1R	10	
117	DM117L1R	20	DF117L1R	15	
122	DM122L1R	10	DF122L1R	15	
125	DM125L1R	10	DF125L1R	10	
126	DM126L1R	20	DF126L1R	20	
127	DM127L1R	20	DF127L1R	30	
129	DM129L1R	10	DF129L1R	10	
130	DM130L1R	15	DF130L1R	15	
132	DM132L1R	10	DF132L1R	15	
136, 147	DM136L1R	15			
136			DF136L1R	10	
137	DM137L1R	10	DF137L1R	10	
138, 146	DM138L1R	20	DF138L1R	15	
139	DM139L1R	10	DF139L1R	15	
141	DM141L1R	10	DF141L1R	10	
142	DM142L1R	20	DF142L1R	20	
143	DM143L1R	20	DF143L1R	10	
144	DM144L1R	20	DF144L1R	10	
145	DM145L1R	20	DF145L1R	5	
147			DF147L1R	10	
951	DM951L1R	75	DF951L1R	50	
TOTALS		1225		1305	

			nits (as described in Ch	napter 0 of these
regui	ations, Limited Licens		0	. D
	Season D			Dates:
	12/01/2016 -			- 12/14/2016
Unit	Antler			er-sex
	Hunt Code	Licenses (2015)	Hunt Code	Licenses (2015)
103 and the				
portion of 109	DF103L2R			
bounded on the	01/01/2017-			
west by Kit	01/15/2017			
Carson CR 40	01/15/2017			
and Yuma CR V.				
104	DF104L2R	45	DE104L2R	10
105, 106	DF105L2R	55	DE105L2R	25
107	DF107L2R	40	DE107L2R	55
109	DF109L2R	30	DE109L2R	40
116, 117	DF116L2R	15	DE116L2R	35
122, 126, 127	DF122L2R	10	DE122L2R	25
125, 130	DF125L2R	10	DE125L2R	25
129	DF129L2R	25	DE129L2R	10
132, 139	DF132L2R	10	DE132L2R	20
136, 141, 147	DF136L2R	10	DE136L2R	10
137, 138, 146	DF137L2R	10	DE137L2R	15
143, 144, 145	DF143L2R	25	DE143L2R	25
TOTALS		285		295

4. Season-Choice Whitetail Only Deer Seasons, Dates, Units (as described in Chapter 0 of these regulations). Licenses are valid during Archery, Muzzleloader, Regular Rifle and Late Rifle seasons until filled, License holders must comply with all applicable season restrictions, including but not limited to, applicable season dates and manner of take restrictions.

		Arch	nery	Muzzlo	eloader	Ri	fle		nses 15)
Unit	Hunt Code	Date Open	Date Closed	Date Open	Date Closed	Date Open	Date Closed	Antl er- less	Eith er Sex
89, 90, 95	DE089S2R	10/01/2016 11/09/2016 12/15/2016	10/28/2016 11/30/2016 12/31/2016	10/08/2016	10/16/2016	10/29/2016 12/01/2016	11/08/2016 12/14/2016		150
89, 90, 95	DF089S2R	10/01/2016 11/09/2016 12/15/2016	10/28/2016 11/30/2016 12/31/2016	10/08/2016	10/16/2016	10/29/2016 12/01/2016	11/08/2016 12/14/2016	150	
93, 97, 98, 99, 100	DE093S2R	10/01/2016 11/09/2016 12/15/2016	10/28/2016 11/30/2016 12/31/2016	10/08/2016	10/16/2016	10/29/2016 12/01/2016	11/08/2016 12/14/2016		150
93. 97, 98, 99, 100	DF093S2R	10/01/2016 11/09/2016 12/15/2016	10/28/2016 11/30/2016 12/31/2016	10/08/2016	10/16/2016	10/29/2016 12/01/2016	11/08/2016 12/14/2016	150	
101, 102	DE101S2R	10/01/2016 11/09/2016 12/15/2016	10/28/2016 11/30/2016 12/31/2016	10/08/2016	10/16/2016	10/29/2016 12/01/2016	11/08/2016 12/14/2016		100

4. Season-Choice Whitetail Only Deer Seasons, Dates, Units (as described in Chapter 0 of these regulations). Licenses are valid during Archery, Muzzleloader, Regular Rifle and Late Rifle seasons until filled, License holders must comply with all applicable season restrictions, including but not limited to, applicable season dates and manner of take restrictions.

		Arch	nery	Muzzlo	eloader	Ri	fle	Lice (20	nses 15)
Unit	Hunt Code	Date Open	Date Closed	Date Open	Date Closed	Date Open	Date Closed	Antl er- less	Eith er Sex
101, 102	DF101S2R	10/01/2016 11/09/2016 12/15/2016	10/28/2016 11/30/2016 12/31/2016	10/08/2016	10/16/2016	10/29/2016 12/01/2016	11/08/2016 12/14/2016	120	
TOTALS								420	400

E. Private-Land-Only Deer Seasons

- 1. Private Land Only, Season Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1 1 Lic	eason Dat 0/22/2016 10/30/201 enses (20	6 – 6 015)	Se 1	eason Da 1/05/2016 11/13/201 enses (2	6 – .6 015)	1: 1 Lic	ason Da 1/16/201 11/20/202 enses (2	6 – 16 2015)	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
	Ant	Hunt Cod Antler-	e Either	Ant	Hunt Cod Antler-	Either	Ant	Hunt Coo	Eithe	1			Ant	Antle	
	lered	less	Sex	lered	less	Sex	lered	-less	r Sex				lered	r-less	
3, 4,		DE003P2I	R		DE003P3	R									
5, 14, 214, 301, 441			425			425									850
9											DF009P5R	09/01/2016- 11/30/2016		75	75
11,]	DE011P2I	R		DE011P3	R									
12, 13, 22, 23, 24, 211			225			300									525
15	[DE015P2I	R		DE015P3 I	R I				140					140
18, 27, 28, 37, 181,		DE018P2I	₹		DE018P3	R				350					350

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1(1	ason Dat 0/22/2016 10/30/201	6 – .6	1	ason Dat 1/05/2016 11/13/201	6 .6	1	ason Da 1/16/201 11/20/20:	6 – 16	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (20 Hunt Cod			enses (20 Hunt Cod			enses (2 Hunt Cod		-					
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler -less	Eithe r Sex				Ant lered	Antle r-less	
371															
20											DM020P5R	10/22/2016- 11/30/2016	500		500
20		DE025P2R DE025P3R									DF020P5R	09/01/2016- 11/30/2016		500	500
25, 26		DE025P2R DE025P3R				R				100					100
29											DM029P5R	10/22/2016- 11/30/2016	175		175
29											DF029P5R	09/01/2016- 11/30/2016		275	275
31, 32		M031P2	R		DM031P3	R				60					60
33		M033P2	R		DM033P3	R				35					35
33											DF033P5R	12/01/2016- 01/31/2017		25	25
33 - Those portio ns bound ed on the north		DM033P2R									DF033P6R	08/15/2016- 01/31/2017		150	150

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	10	ason Dat 0/22/2016 10/30/201	i –	1	ason Da 1/05/2016 11/13/201	3 –	1:	ason Da L/16/201 .1/20/20:	6 –	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
										1					
		enses (2			enses (2			enses (2		-					
		Hunt Cod Antler-	e Either	Ant	Hunt Cod Antler-	Either		lunt Co	Eithe	-			Ant	Antle	
	Ant lered	less	Sex	lered	less	Sex	Ant lered	-less	r Sex				Ant lered	r-less	
by Co															
Rd															
226															
and															
Co Rd															
245 ;															
on the															
east															
by Elk															
Creek															
; on the															
south															
by the															
Color															
ado															
River															
; and															
on the															
west															
by															
Colo															
13															
and															
Colo															
325.	_	NE00 (D.)	n n		2500 450					05					05
34		DE034P2	K		DE034P3	К				35					35

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

10	0/22/2016	i –	1	1/05/2016	3 –	1:	1/16/201	6 –	Float (2015)	Hunt Code	Season Dates			Total (2015)
]					
									-			A 4	A 41	
lered	less	Sex	lered	less	Sex	lered	-less	r Sex				lered	r-less	
)E035P2	R		DE035P3	R									
									100					100
										DM038P5R	10/22/2016- 11/30/2016		275	275
										DF038P5R	09/01/2016- 11/30/2016		400	400
										DF039P5R	09/01/2016- 11/30/2016		55	55
	M040P2	R	j	DM040P3	R									50
25			25											50
	M041P2	R	[DM041P3	R			1						200
110			170											280
	E043P2	R		DE043P3	R									
								50					50	
	E044P2			DE044P3										20
	Lice H Ant lered	10/22/2016 10/30/201 Licenses (20 Hunt Cod Ant Antler-less DE035P2 DM040P2 25 DM041P2 110 DE043P2	DE035P2R	10/22/2016 - 1 10/30/2016 Licenses (2015) Licenses (2015) Hunt Code Ant lered less Sex lered DE035P2R DE035P2R DM040P2R 25	10/22/2016 - 11/05/2016 Licenses (2015)	10/22/2016 - 11/05/2016 - 11/13/2016 Licenses (2015)	10/22/2016 - 11/05/2016 - 11/13/2016	10/22/2016 - 11/05/2016 - 11/13/2016 11/20/203	10/22/2016 − 11/05/2016 − 11/16/2016 − 11/16/2016 − 11/13/2016 Licenses (2015)	10/22/2016 - 11/05/2016 - 11/16/2016 - 11/20/2016 Licenses (2015)	10/22/2016 - 11/13/2016 - 11/16/2016 - 11/16/2016 - 11/120/2016 Licenses (2015)	10/22/2016 - 11/13/2016 - 11/13/2016 - 11/105/2016 - 11/103/2016 - 11/105/2016 - 11	10/22/2016	10/22/2016

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	10	ason Dat 0/22/2016 10/30/201	6 –	1	ason Dat 1/05/2016 11/13/201	i –	1:	ason Da L/16/201 .1/20/202	6 –	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (20			enses (20			enses (2]					
		lunt Cod			Hunt Cod			lunt Cod							
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler -less	Eithe r Sex				Ant lered	Antle r-less	
49, 57		DF049P2	R		DF049P3	R									100
45, 57		50			50										100
51											DM051P5R	10/15/2016- 11/13/2016	75		75
51											DF051P5R	09/01/2016- 11/30/2016		125	125
52,		M052P2	R DM052P3R												
411,		DM052P2R						70					70		
521															
52											DF052P5R	09/01/2016- 10/31/2016		75	75
53)M053P2	R]	DM053P3	R				40					40
53											DF053P5R	09/01/2016- 10/31/2016		40	40
56	[DF056P2I	R		DF056P3	R									50
50		25			25										50
60		M060P2	R		OM060P3	R									20
	10			10											20
60	[DF060P2	R		DF060P3	R				-					10
	Г	M062P2	R	Г	OM062P3	R									
62	30	71110021 2		25	7110021 0					1					55
62		DF062P2I	R		DF062P3	R									05
62		55	_		30										85
63		M063P2	R		DM063P3	R				75					75

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1 (ason Da 0/22/2016 10/30/201	6 .6	1	eason Dat 1/05/2016 11/13/201	6 – .6	1	ason Da 1/16/201 11/20/20:	6 – 16	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (2			enses (2			enses (2							
	Ant	Antler-	Either	Ant	Hunt Cod Antler-	Either	Ant	Hunt Cod Antler	Eithe	-			Ant	Antle	
	lered	less	Sex	lered	less	Sex	lered	-less	r Sex				lered	r-less	
63											DF063P5R	09/01/2016- 10/31/2016		50	50
		M064P2	R		DM064P3	R									
64, 65	50			45											95
69,		DM069P2R DM069P3R			R										
84, 86, 691, 861	410			410											820
69,	[DF069P2	R		DF069P3	R									
84, 86, 691, 861		50			50										100
70		M070P2	:R		DM070P3	R				265					265
	Г	L DF070P2	R		L DF070P3	R									
70	-	20			20					1					40
71,		M071P2	:R		DM071P3	R									70
711	45			25							D = 0.70D = D	00/04/0040			
72, 73 south of Colo 184											DF072P5R	09/01/2016- 09/30/2016		50	50

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1 (ason Dat 0/22/2016 10/30/201	6 – .6	1	eason Dat 1/05/2016 11/13/201	6 – 16	1	ason Da 1/16/201 11/20/202	6 – L6	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (20 Hunt Cod			enses (2 Hunt Cod			enses (2 Hunt Cod		-					
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler	Eithe r Sex				Ant lered	Antle r-less	
and US															
72, 73	50	DM072P2 T	R		DM072P3 I	R				-					115
74		I DM074P2 I	R		DM074P3R DM075P3R DE075P3R					20					20
75, 751	[M075P2	R		DM075P3R DF075P3R			DM075P4	IR.	75					115
75, 751	[DF075P2	R		DF075P3	R		DF075P4	·R	30					30
75 and 751- S of US 160											DF075P5R	12/01/2016- 01/15/2017		175	175
Only 77, 78, 771		DM077P2	R		 DM077P3 	R	25	 DM077P4	IR	70					95
77, 78, 771											DF077P5R	12/01/2016- 01/15/2017		75	75
79											DF079P5R	09/01/2016- 12/31/2016		50	50

	1.	a. All a gan b. Priv	applican ne mana	ts for "F gemen I only lic	Private La t unit prio censes ar	nd Only" r to apply	licensory	es must d r a licens	obtain p e.	ermissio	n to hunt from	ations), Limite at least one pri t unit upon whic	vate lan	downer	
Unit	10	ason Dat 0/22/2016 10/30/201	5 –	1	ason Dat 1/05/2016 11/13/201	3 –	1	ason Da 1/16/2010 11/20/201	6 –	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (20			enses (2			enses (2							
		lunt Cod			Hunt Cod			Hunt Cod							
						Ant	Antler	Eithe r Sex				Ant	Antle r-less		
)M083P2			 DM083P3		lered	-less -less					lered	1-1622	
83	30	IVIOUSE Z		30	JIVIOOSE S		5	JIVIOOSE 4	+1 \						65

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1(1	ason Dat 0/22/2016 10/30/201	6 6	1	ason Da 1/05/2016 11/13/201	6 – 16	11 1	ason Da L/16/201 .1/20/20:	6 – 16	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (20			enses (2			enses (2		-					
	Ant	lunt Cod Antler-	e Either	Ant	Hunt Coc Antler-	Either	Ant	lunt Co	Eithe	-			Ant	Antle	
	lered	less	Sex	lered	less	Sex	lered	-less	r Sex				lered	r-less	
85 -											DF085P5R	09/01/2016-		55	55
Those												12/31/2016			
portio															
ns															
bound															
ed on the															
north															
by															
Colo															
160;															
on the															
east															
by Co															
Rd															
350															
and															
Waha toya															
Creek															
; on															
the															
south															
by Co															
Rd															
362,															
360															

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Season Dates: 10/22/2016 – 10/30/2016		i –	1	ason Dates: 1/05/2016 – 11/13/2016				Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)	
	Lic	enses (20	015)	Lic	enses (2	015)	Lice	Licenses (2015)		†					
		lunt Cod			Hunt Cod			lunt Co]					
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler -less	Eithe r Sex				Ant lered	Antle r-less	
and	iereu	1633	Jex	icieu	1033	Jex	icicu	-1033	I Jex				iereu	1-1633	
the															
fencel															
ine on															
the															
south															
side															
of															
LaVet a															
Town															
Lakes															
and															
golf															
cours															
e from															
the															
inters															
ection															
of Co Rds															
360															
and															
361 to															
Colo															
12,															
and															

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	10	ason Dat 0/22/2016 10/30/201	i –	1	eason Da 1/05/2010 11/13/201	ŝ –	1:	ason Da L/16/201 .1/20/20:	6 –	Float (2015)	Hunt Code	Season Dates	Lice (20		Total (2015)
		enses (20			enses (2			enses (2]					
		lunt Cod			Hunt Coc			lunt Co		1					
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler -less	Eithe r Sex				Ant lered	Antle r-less	
Co Rd	10100	1322			1000			1322					19199	1 1000	
420;															
and															
on the															
east															
by Colo															
12,															
and															
Co															
Rds															
430,															
440															
and															
451.												10/01/0016			
91											DM091P5R	12/01/2016- 12/14/2016	35		35
92											DM092P5R	12/01/2016- 12/14/2016	30		30
96											DM096P5R	12/01/2016- 12/14/2016	50		50
103											DM103P5R	12/01/2016- 12/14/2016	30		30
103											DF103P5R	12/01/2016- 12/14/2016		80	80
131,)E131P2I			DE131P3										55
231			35			20									33

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	10	ason Dat 0/22/2016 10/30/201	i –	1	ason Dat 1/05/2016 11/13/201	6 –	1:	ason Da 1/16/201 L1/20/202	6 –	Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)
		enses (20 Hunt Cod		Licenses (2015) Hunt Code		Licenses (2015) Hunt Code									
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler -less	Eithe	-			Ant lered	Antle r-less	
143,	iereu	1622	Sex	lereu	1622	Sex	iereu	-1622	r Sex				lereu	1-1622	
144, 145											DM143P1R	10/29/2016- 11/08/2016	80		80
143, 144, 145											DF143P1R	10/29/2016- 11/08/2016		25	25
391, 461											DM391P5R	10/15/2016- 11/13/2016	350		350
391, 461											DF391P5R	09/01/2016- 11/30/2017		175	175
411											DF411P5R	09/01/2016- 10/31/2016		40	40
444		DE444P2			DE444P3										150
481	г	I DF481P2I	100		DF481P3	50 D									50
401	L	25	<u> </u>		25										
511	[DF511P2	R		DF511P3	R				30					30
								DM511P4	1D						
511							20	JIVIOTTE ²	+17						20
711										-	DF711P5R	09/01/2016- 09/30/2016		20	20
741		M741P2	R		DM741P3	R	30	OM741P4	IR	200					230
741		DF741P2I	R		DF741P3	R		DF741P4	R	200					200

1.	Private Land Only, Season Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.
	All applicants for "Drivata Land Only" licenses must obtain permission to bunt from at least one private landowns

- a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
- b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Season Dates: 10/22/2016 – 10/30/2016		i –	1	ason Dat 1/05/2016 11/13/201	3 –	Season Dates: 11/16/2016 – 11/20/2016		Float (2015)	Hunt Code	Season Dates		nses 15)	Total (2015)	
		enses (20 lunt Cod			enses (20 Hunt Cod			Licenses (2015) Hunt Code]					
	Ant lered	Antler- less	Either Sex	Ant lered	Antler- less	Either Sex	Ant lered	Antler -less	Eithe r Sex				Ant lered	Antle r-less	
791											DF791P5R	09/01/2016- 12/31/2016		25	25
TOTALS	760	230	795	805	205	805	120	0	0	1945			1325	2815	9805

2. Season-Choice Private Land Only Seasons, Dates, Units (as described in Chapter 0 of these regulations). Licenses are valid during Archery, Muzzleloader, Regular Rifle and Late Rifle seasons until filled, License holders must comply with all applicable season restrictions, including but not limited to, applicable season dates and manner of take restrictions.

		Arcl	nery	Muzzle	loader	Ri	fle	Licenses
Unit	Hunt Code	Date	Date	Date	Date	Date	Date	(2015)
		Open	Closed	Open	Closed	Open	Closed	Antlerless
		10/01/2016	10/28/2016			10/29/2016	11/08/2016	
91	DF091S3R	11/09/2016	11/30/2016	10/08/2016	10/16/2016	12/01/2016	12/14/2016	90
		12/15/2016	12/31/2016			01/01/2017	01/31/2017	
		10/01/2016	10/28/2016			10/29/2016	11/08/2016	
92	DF092S3R	11/09/2016	11/30/2016	10/08/2016	10/16/2016	12/01/2016	12/14/2016	100
		12/15/2016	12/31/2016			01/01/2017	01/31/2017	
		10/01/2016	10/28/2016			10/29/2016	11/08/2016	
96	DF096S3R	11/09/2016	11/30/2016	10/08/2016	10/16/2016	12/01/2016	12/14/2016	15
		12/15/2016	12/31/2016			01/01/2017	01/31/2017	
96 -		10/01/2016	10/28/2016			10/29/2016	11/08/2016	
East of	DF096S5R	11/09/2016	11/30/2016	10/08/2016	10/16/2016	12/01/2016	12/14/2016	125
Hwy 71		12/15/2016	12/31/2016			01/01/2017	01/31/2017	
TOTAL								330

#251-#253 - VACANT

ARTICLE IX - ELK

#254 - ANTLER POINT RESTRICTIONS BY UNIT - ELK

- A. All antlered elk taken in the following game management units during any established season, including archery, muzzle-loading rifle or rifle seasons, shall have four (4) or more points or a brow tine on one antler: GMU's 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 54, 55, 59, 60, 62, 63, 64, 65, 66, 67, 68, 70, 71, 72, 73, 74, 75, 77, 78, 79, 80, 81, 82, 83, 85, 86, 131, 140, 161, 171, 181, 191, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 681, 691, 711, 741, 751, 771, 851, and 861.
- B. There are no antler point restrictions for elk taken during any established season, including archery, muzzle-loading rifle or rifle seasons, in the following game management units: 1, 2, 10, 20, 29, 39, 40, 46, 48, 49, 50, 51, 56, 57, 58, 61, 69, 76, 84, 201, 391, 461, 481, 500, 501, 561, 591, 682, 791, or in any unit east of I-25 except 140.
- C. There are no antler point restrictions for elk on Wildlife Ranching properties during Wildlife Ranching seasons.

#255 - ARCHERY ELK SEASONS - ONLY LAWFUL HAND HELD BOWS MAY BE USED TO HUNT OR TAKE ELK DURING THE FOLLOWING SEASONS:

A. Early Seasons - None

B. Regular Archery Elk Seasons

1. Archery Season Dates, Units (as described in Chapter 0 of these regulations), Limited or Unlimited License as shown by hunt code

Unlimited License as shown by hunt code						
Unit(s)		Sea	son Dates	:		
		08/27/2	016 – 09/25	/2016		
		Unless (Otherwise S	Shown		
			Licens	se Number		
	Hunt Code	Antlered	Antler-	Limited	Unlimited	
			less	Either	Either	
				Sex	Sex	
3, 6, 11, 13, 14, 15, 16, 17, 18, 21, 22, 25,						
26, 27, 28, 30, 31, 32, 34, 35, 36, 37, 38,						
41, 42, 43, 44, 45, 47, 52, 53, 59, 60, 62,						
63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77,						
78, 79, 80, 81, 82, 83, 85, 86, 87, 88, 89,						
90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100,						
101, 102, 103, 105, 106, 107, 109, 110,						
111, 112, 113, 114, 115, 116, 117, 118,						
119, 120, 121, 122, 123, 124, 125, 126,	EE000U1A				Unlimited	
127, 128, 129, 130, 131, 132, 133, 134,						
135, 136, 137, 138, 139, 140, 141, 142,						
143, 144, 145, 146, 147, 161, 171, 181,						
211, 214, 231, 301, 361, 371, 411, 421,						
444, 471, 511, 521, 581, 591, 681, 691,						
711, 741, 751, 771, 851 except Bosque del Oso SWA, 861, 951, private land						
1 ' ' ' ' '						
portions of 4, 5, 12, 23, 24, 33, and 441 3, 6, 11, 13, 14, 15, 16, 17, 18, 21, 22, 25,						
26, 27, 28, 30, 31, 32, 34, 35, 36, 37, 41,						
42, 43, 44, 45, 47, 52, 59, 82, 83, 85, 86,						
131, 133, 134, 140, 141, 142, 161, 171,						
181, 211, 214, 231, 301, 361, 371, 411,	EF000U1A		Unlimited			
421, 444, 471, 511, 521, 581, 591, 682,	21 0000171		Oriminated			
691, 791, 851 except Bosque del Oso						
SWA, 861, private land portions of 4, 5,12,						
23, 24, 33, and 441						
1	EE001O1A			2		
2	EE002O1A			9		
Public and private lands in 4, 5, 441	EE004O1A			450		
7, 8, 9, 19, 191	EE007O1A			1000		
10	EE010O1A			15		
12, 23 north of the White River, and 24						
north of the North Fork of the White River	EE012O1A			630		
20	EM020O1A	5				
20	EF020O1A		15			
20 excluding the area around the town of						
Estes Park bounded by Rocky Mountain						
National Park on the north and west and	EE020O1A			105		
by the boundary of Roosevelt National						
Forest on the north, east and south						
29	EE029O1A			30		
33, 23 south of the White River, and 24	EE033O1A			1050		
south of the North Fork of the White River	LLUJJUIA			1000		

Unit(s)	Season Dates: 08/27/2016 – 09/25/2016 Unless Otherwise Shown								
			Licens	se Number	s (2015)				
	Hunt Code	Antlered	Antler-	Limited	Unlimited				
			less	Either	Either				
				Sex	Sex				
39	EE039O1A			90					
40	EE040O1A			85					
46	EE046O1A			60					
48	EE048O1A			100					
49	EE049O1A			170					
50	EE050O1A			125					
51	EE05101A			100					
54	EE054O1A			405					
55	EE055O1A			665					
56	EE056O1A			100					
57, 58	EE057O1A			180					
61	EE06101A			95					
66	EE066O1A			170					
67	EE067O1A			65					
69, 84	EE069O1A			180					
76	EE076O1A			160					
104	EE104O1A			25					
201	EE20101A			9					
391	EE39101A			50					
461	EE46101A			55					
481	EE48101A			100					
500	EE500O1A			135					
501	EE501O1A			85					
551	EE55101A			230					
561	EE561O1A			70					
851 Bosque del Oso SWA only	EE85101A			8					
TOTALS		5	15	6808					

#256 - MUZZLE LOADING FIREARMS (RIFLE AND SMOOTHBORE MUSKET) ELK SEASON - ONLY LAWFUL MUZZLE-LOADING FIREARMS MAY BE USED TO HUNT OR TAKE ELK DURING THE FOLLOWING SEASONS:

A. Regular Muzzle-loading Elk Seasons

1. Muzzle-loading Season Dates, Units (as described in Chapter 0 of these regulations), Limited License Types and Numbers

Limited Electrice Types	Season Dates 09/10/2016 – 09/18/2016 Unless Otherwise Shown								
Unit			Licenses (2015)						
	Hunt Code	Antlered	Antlerless	Limited Either Sex					
1	EM001O1M	4							
1	EF001O1M		5						
2	EM002O1M	10							
2	EF002O1M		5						

Hunt Code	Unit -	·	Season D 09/10/2016 – 0 Unless Otherw	9/18/2016 ise Shown	
Section				Licenses (2015	
3,301		Hunt Code	Antlered	Antlerless	
4, 5, and 441 EE00401M 100 4, 5, and 441 EF00401M 110 6, 16, 17, 161, 171 EE00601M 250 7, 8, 9, 19, 191 EM00701M 300 7, 8, 9, 19, 191 EF00701M 375 10 EM01001M 5 11, 13, 131, 211 EE01101M 100 12, 23 north of the White River, and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the North Fork of the White River and 24 north of the White River and 24 north of the White River and 24 north of the White River, and 24 north of the North Fork of the White River and 24 north of the White River, and 24 north of the White River and 24 north of th	3, 301	EE003O1M			10
4, 5, and 441 EF00401M 110 6, 16, 17, 161, 171 EF00601M 300 6, 16, 17, 161, 171 EF00601M 250 7, 8, 9, 19, 191 EM00701M 300 7, 8, 9, 19, 191 EM01001M 5 10 EM01001M 5 11, 13, 131, 211 EE01101M 100 11, 13, 131, 211 EF01101M 100 12, 23 north of the White River, and 24 north of the North Fork of the White River EE01201M 100 12, 23 north of the White River, and 24 north of the North Fork of the White River EF01201M 100 14, 214 EE01401M 75 100 15, 27 EF01501M 300 275 15, 27 EF01501M 300 385 18, 181 EF01801M 180 385 20 EM02001M 35 20 21, 22, 30, 31, 32 EF01201M 20 21, 22, 30, 31, 32 EF0201M 150 25, 26, 34, 231 EF02501M 150 28, 37, 371 EF02801M 165 29 EM02901M 30 <	3, 301	EF003O1M		10	
6, 16, 17, 161, 171 6, 16, 17, 161, 171 6, 16, 17, 161, 171 6, 16, 17, 161, 171 7, 8, 9, 19, 191 7, 8, 9, 19, 191 10 10 10 10 11, 13, 131, 211 11 12 13, 131, 211 13, 131, 211 14 15, 131, 211 15 16 17 18 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	4, 5, and 441	EE004O1M			100
F. 16, 17, 161, 171		EF004O1M		110	
7, 8, 9, 19, 191 EM00701M 300 7, 8, 9, 19, 191 EF00701M 375 10 EM01001M 5 11, 13, 131, 211 EF01001M 100 11, 13, 131, 211 EF01101M 100 12, 23 north of the White River, and 24 north of the North Fork of the White River EE01201M 100 12, 23 north of the White River, and 24 north of the North Fork of the White River EF01201M 100 14, 214 EE01401M 275 14, 214 EF01401M 75 15, 27 EF01501M 300 15, 27 EF01501M 100 18, 181 EF01801M 385 18, 181 EF01801M 180 20 EM02001M 35 20 EM02001M 35 20 EF02001M 150 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 25, 26, 34, 231 EF02801M 175 28, 37, 371 EF02801M 165 29	6, 16, 17, 161, 171	EE006O1M			300
T. 8, 9, 19, 191	6, 16, 17, 161, 171	EF006O1M		250	
Description	7, 8, 9, 19, 191	EM007O1M	300		
10	7, 8, 9, 19, 191	EF007O1M		375	
11, 13, 131, 211	10	EM010O1M	5		
11, 13, 131, 211	10	EF010O1M		5	
12, 23 north of the White River, and 24 north of the North Fork of the White River 12, 23 north of the White River, and 24 north of the North Fork of the White River 12, 23 north of the White River, and 24 north of the North Fork of the White River 14, 214	11, 13, 131, 211	EE011O1M			100
North of the North Fork of the White River EE01201M	11, 13, 131, 211	EF011O1M		100	
River 12, 23 north of the White River, and 24 north of the North Fork of the White River 14, 214	12, 23 north of the White River, and 24				
12, 23 north of the White River, and 24 north of the North Fork of the White River 14, 214	north of the North Fork of the White	EE012O1M			100
North of the North Fork of the White River	River				
River 14, 214	12, 23 north of the White River, and 24				
14, 214 EE01401M 75 15, 27 EE01501M 300 15, 27 EF01501M 100 18, 181 EE01801M 385 18, 181 EF01801M 180 20 EM02001M 35 20 EF02001M 20 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 28, 37, 371 EE02801M 175 28, 37, 371 EF02801M 165 29 EM02901M 30 29 EM0301M 165 33, 23 south of the White River, and 24 south of the North Fork of the White River EE03301M 100 35, 36, 361 EM03501M 165 35, 36, 361 EM03501M 30 39 EM03901M 70 39 EM03901M 70 39 EM	north of the North Fork of the White	EF012O1M		100	
14, 214 EF01401M 75 15, 27 EE01501M 300 15, 27 EF01501M 100 18, 181 EE01801M 385 18, 181 EF01801M 180 20 EM02001M 35 20 EF02001M 20 21, 22, 30, 31, 32 EE02101M 150 25, 26, 34, 231 EE02501M 175 25, 26, 34, 231 EF02501M 175 28, 37, 371 EE02801M 440 28, 37, 371 EF02801M 165 29 EM02901M 30 29 EM02901M 30 29 EF02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River EE03301M 100 River 33, 36, 361 EM03501M 100 35, 36, 361 EM03501M 165 35, 36, 361 EF03801M 30 38 EM03801M 30 39 EM03901M 70 39 EM03901M 70 40 EE04001M 45	River				
15, 27	14, 214	EE014O1M			275
15, 27 EF01501M 100 18, 181 EE01801M 180 20 EM02001M 35 20 EF02001M 20 21, 22, 30, 31, 32 EE02101M 175 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 25, 26, 34, 231 EF02501M 175 28, 37, 371 EE02801M 440 28, 37, 371 EF02801M 165 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River EE03301M 100 River 35, 36, 361 EM03501M 165 35, 36, 361 EF03301M 100 38 EM03501M 30 38 EM03501M 50 39 EM03901M 70 39 EM03901M 70 39 EM03901M 45	14, 214	EF014O1M		75	
18, 181 EE01801M 180 20 EM02001M 35 20 EF02001M 20 21, 22, 30, 31, 32 EE02101M 175 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 28, 37, 371 EE02801M 440 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River EE03301M 100 85, 36, 361 EM03501M 165 35, 36, 361 EF03501M 225 38 EM03801M 30 39 EF03901M 70 39 EF03901M 45 40 EE04001M 45	15, 27	EE015O1M			300
18, 181 EF01801M 180 20 EM02001M 35 20 EF02001M 20 21, 22, 30, 31, 32 EE02101M 175 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 28, 37, 371 EE02801M 165 29 EM02901M 30 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River and 24 south of the North Fork of the North Fork of the North	15, 27	EF015O1M		100	
18, 181 EF01801M 180 20 EM02001M 35 20 EF02001M 20 21, 22, 30, 31, 32 EE02101M 175 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 28, 37, 371 EE02801M 165 29 EM02901M 30 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River and 24 south of the North Fork of the North Fork of the North	18, 181	EE018O1M			385
EM02001M 35 20				180	
Description of the White River, and 24 south of the North Fork of the White River S1, 36, 361 S1, 39 S1, 39			35		
21, 22, 30, 31, 32 EE02101M 175 21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 25, 26, 34, 231 EF02501M 175 28, 37, 371 EE02801M 440 28, 37, 371 EF02801M 165 29 EM02901M 30 29 EF02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River EE03301M 100 River EF03301M 100 35, 36, 361 EM03501M 165 35, 36, 361 EF03501M 225 38 EM03801M 30 38 EF03801M 50 39 EM03901M 70 39 EM03901M 70 39 EF04001M 45				20	
21, 22, 30, 31, 32 EF02101M 150 25, 26, 34, 231 EE02501M 175 25, 26, 34, 231 EF02501M 175 28, 37, 371 EE02801M 440 28, 37, 371 EF02801M 165 29 EM02901M 30 29 EF02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River EF03301M 100 85, 36, 361 EM03501M 165 100 35, 36, 361 EF03501M 225 38 38 EM03801M 30 30 38 EF03801M 50 39 39 EM03901M 70 45 40 EF04001M 45 45	21, 22, 30, 31, 32				175
25, 26, 34, 231 EE02501M 175 25, 26, 34, 231 EF02501M 175 28, 37, 371 EE02801M 440 28, 37, 371 EF02801M 165 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River EF03301M 100 River EF03301M 100 100 35, 36, 361 EM03501M 165 225 38 EM03801M 30 30 38 EM03801M 30 30 39 EM03901M 70 50 39 EM03901M 70 45 40 EE04001M 45 45				150	
25, 26, 34, 231 EF02501M 175 28, 37, 371 EE02801M 440 28, 37, 371 EF02801M 165 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River EF03301M 100 35, 36, 361 EM03501M 165 35, 36, 361 225 38 EM03801M 30 30 30 38 EF03801M 50 50 39 EM03901M 70 70 39 EF03901M 45 40 EE04001M 45					175
28, 37, 371 EE028O1M 440 28, 37, 371 EF028O1M 165 29 EM029O1M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River EE033O1M 100 33, 23 south of the White River, and 24 south of the North Fork of the White River EF033O1M 100 35, 36, 361 EM035O1M 165 35, 36, 361 EF035O1M 225 38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45				175	
28, 37, 371 EF02801M 165 29 EM02901M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River EE03301M 100 River EF03301M 100 33, 23 south of the White River, and 24 south of the North Fork of the White River EF03301M 100 River EM03501M 165 225 35, 36, 361 EF03501M 225 38 EM03801M 30 38 EF03801M 50 39 EM03901M 70 39 EF03901M 45 40 EE04001M 45					440
29 EM029O1M 30 29 EF029O1M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River EE033O1M 100 33, 23 south of the White River, and 24 south of the North Fork of the White River EF033O1M 100 35, 36, 361 EM035O1M 165 35, 36, 361 EF035O1M 225 38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45				165	
29 EF029O1M 30 33, 23 south of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River EF033O1M 100 35, 36, 361 EM035O1M 165 225 38 EM038O1M 30 30 38 EF038O1M 50 50 39 EM039O1M 70 45 40 EF040O1M 45			30		
33, 23 south of the White River, and 24 south of the North Fork of the White River and 24 south of the North Fork of the White River, and 24 south of the North Fork of the White River as 5, 36, 361 EF03501M 165 EF03501M 225 EF03501M 30 S8 EF03801M 50 S9 EM03901M 70 S9 EF03901M 45 EE04001M 45			33	30	
south of the North Fork of the White River EE033O1M 100 33, 23 south of the White River, and 24 south of the North Fork of the White River EF033O1M 100 35, 36, 361 EM035O1M 165 35, 36, 361 EF035O1M 225 38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45					
River 33, 23 south of the White River, and 24 south of the North Fork of the White River EF033O1M 100 35, 36, 361 EM035O1M 165 35, 36, 361 EF035O1M 225 38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45		EE033O1M			100
33, 23 south of the White River, and 24 south of the North Fork of the White River 35, 36, 361 35, 36, 361 EM03501M 100 EM03501M 105 35, 36, 361 EF03501M 225 38 EM03801M 30 38 EF03801M 50 39 EM03901M 70 39 EF03901M 45 46					
south of the North Fork of the White River EF033O1M 100 35, 36, 361 EM035O1M 165 35, 36, 361 EF035O1M 225 38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45					
River BM03501M 165 35, 36, 361 EF03501M 225 38 EM03801M 30 38 EF03801M 50 39 EM03901M 70 39 EF03901M 45 40 EE04001M 45		EF033O1M		100	
35, 36, 361 EM03501M 165 35, 36, 361 EF03501M 225 38 EM03801M 30 38 EF03801M 50 39 EM03901M 70 39 EF03901M 45 40 EE04001M 45					
35, 36, 361 EF035O1M 225 38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45		EM035O1M	165		
38 EM038O1M 30 38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45				225	
38 EF038O1M 50 39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45			30		
39 EM039O1M 70 39 EF039O1M 45 40 EE040O1M 45	38			50	
39 EF039O1M 45 40 EE040O1M 45	39		70		
40 EE040O1M 45	39			45	
40 FE04001M 30	40				45
17(/ I I I I I I I I I I I I I I I I I I I	40	EF040O1M		30	ı.ü

Unit	Season Dates 09/10/2016 – 09/18/2016 Unless Otherwise Shown Licenses (2015)								
	Hunt Code	Antlered	Antlerless	Limited Either Sex					
41, 42, 52, 411, 421, 521	EM041O1M	550							
41, 42, 52, 411, 421, 521	EF041O1M		880						
43, 471	EM043O1M	150							
43, 471	EF043O1M		40						
44, 45, 47, 444	EM044O1M	350							
44, 45, 47, 444	EF044O1M		250						
46	EM046O1M	30							
46	EF046O1M		15						
48	EM048O1M	35							
48	EF048O1M		30						
49	EM049O1M	70							
49	EF049O1M		60						
50	EM050O1M	35							
50	EF050O1M		40						
51	EM051O1M	30							
51	EF051O1M		40						
53	EM053O1M	85							
53	EF053O1M		100						
54	EM054O1M								
54	EF054O1M		100						
55	EM055O1M								
55	EF055O1M		190						
56	EM056O1M	35							
56	EF056O1M		30						
57, 58	EM057O1M	100							
57, 58	EF057O1M		80						
59, 511, 581, 591	EE059O1M			100					
59, 511, 581, 591	EF059O1M		120						
60	EM060O1M	15							
60	EF060O1M		15						
61	EM061O1M	50	-						
61	EF061O1M		55						
62	EM062O1M	115							
62	EF062O1M		110						
63	EM063O1M	35							
63	EF063O1M		55						
64, 65	EM064O1M	110							
64, 65	EF064O1M	_ = \$	110						
66	EM066O1M	35							
66	EF066O1M		40						
67	EM067O1M	35							
67	EF067O1M	, ,	40						
68, 681	EM068O1M	85							
68, 681	EF068O1M	30	135						
69, 84	EM069O1M	65							
69, 84	EF069O1M		40						
70	EE070O1M		,,	175					
70	EF07001M		145	210					

Unit	Season Dates 09/10/2016 – 09/18/2016 Unless Otherwise Shown Licenses (2015)							
	Hunt Code	Antlered	Antlerless	Limited Either Sex				
71, 72, 73, 711	EE071O1M			220				
71, 72, 73, 711	EF071O1M		185					
74, 741	EE074O1M			100				
74, 741	EF074O1M		25					
75, 751	EE075O1M			100				
75, 751	EF075O1M		60					
76	EM076O1M	70						
76	EF076O1M		15					
77, 78, 771	EE077O1M			150				
77, 78, 771	EF077O1M		60					
79	EM079O1M	15						
79	EF079O1M		25					
80, 81	EM080O1M	115						
80, 81	EF080O1M		175					
82	EE082O1M			75				
82	EF082O1M		30					
85, 140, 851 Except Bosque del Oso SWA	EE085O1M			130				
85, 140, 851 Except Bosque del Oso SWA	EF085O1M		130					
86, 691, 861	EE086O1M							
86, 691, 861	EF086O1M		80					
104	EM104O1M	25						
104	EF104O1M		30					
128	EE128O1M			50				
133, 134, 141, 142	EE133O1M			10				
133, 134, 141, 142	EF133O1M		10					
201	EM201O1M	10						
201	EF201O1M		5					
391	EM391O1M	40						
391	EF391O1M		40					
461	EM461O1M	30						
461	EF461O1M		25					
481	EM481O1M	35						
481	EF481O1M		30					
500	EM500O1M	50						
500	EF500O1M		65					
501	EM501O1M	35						
501	EF501O1M		40					
551	EM551O1M							
551	EF551O1M		90					
561	EM561O1M	35						
561	EF561O1M		20					
682, 791	EF682O1M		10					
851 Bosque del Oso SWA only	EM851O1M	5						
851 Bosque del Oso SWA only	EF851O1M		5					
Limited License Totals		3219	6180	3845				

1. Muzzle-lo	Only Muzzle-loading Elk bading Season Dates, Units ns), Limited License Types	(as described in Section #0	020 of these
Unit	Hunt Code	Season 09/10/2016 -	
		Unless Other	wise Shown
		Licenses	s (2015)
		Antlerless	Either Sex
4, 5, 441	EE004P1M		50
4, 5, 441	EF004P1M	50	
12, 13, 23, 24, 33	EE012P1M		50
12, 13, 23, 24, 33	EF012P1M	100	
83	EE083P1M		45
83	EF083P1M	10	
TOTALS		160	145

A. Early Rifle Elk Seasons

Unit	Hunt Code	Date Open	Date Closed		Licenses (2015)	
			Closed	Antlered	Antlerless	Either Sex
1	EE001E1R	10/01/2016	10/11/2016			11
2	EE002E1R	10/01/2016	10/11/2016			32
2, 3, 11 - Those portions bounded on the north by Moffat Co Rd 4; on the east by Moffat Co Rd 21, Moffat Co Rd 19 and Yampa River; on the south by US 40; and on the west by Twelve Mile Gulch, Yampa River, Little Snake River, Moffat Co Rd 75 and Moffat Co Rd 66	EF003E1R	08/15/2016	10/31/2016		25	
10	EE010E1R	10/01/2016	10/11/2016			32
45	EF045E1R	09/15/2016	09/30/2016		80	
61	EE061E1R	10/01/2016	10/07/2016			
76	EM076E1R	10/06/2016	10/12/2016	20		
201	EE201E1R	10/01/2016	10/11/2016			

Unit	Hunt Code	Date Open	Date Closed		Licenses (2015)	
		-	Cioseu	Antlered	Antlerless	Either Sex
						28
TOTALS				20	105	103

B. Regular Rifle Elk Seasons

Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses		le EIK Seasons	D			-1-4:	.1.1.1
Unit(s)					apter 0 of these regu	ıιατιons), Limite	a License
Combined Season Dates: 10/12/2016 Season Dates: 11/16/2016 Season D					4th Season	Float Total	Total
Color Colo	3(3)	l .					
Season Dates: 10/15/2016 - 10/19/2016 10/19/2016 10/19/2016 10/19/2016 10/19/2016 10/19/2016 10/19/2016 11/13/2016 11		, · ·	` '	'		(====)	
10/19/2016 Unless Otherwise Shown		,	10/22/2016 -	l .			` ''
Unless Otherwise Shown License #s (2015) License		10/15/2016 -	10/30/2016	11/13/2016	11/20/2016		otherwise
Shown Shown Shown Shown License #s (2015) Hunt Code Hunt C		10/19/2016	Unless	Unless	Unless		shown
License #s (2015) License #s (2015) License #s (2015) Hunt Code Hunt Code 3, 4, 5, 6, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861		Unless Otherwise	Otherwise	Otherwise	Otherwise		
Hunt Code Hunt Code Hunt Code Hunt Code 3, 4, 5, 6, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 141, 141, 141, 141, 141, 141							
3, 4, 5, 6, 11, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 414, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861		License #s (2015)	License #s (2015)	License #s (2015)	License #s (2015)		
14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861		Hunt Code	Hunt Code	Hunt Code	Hunt Code		
21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 133, 144, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
44, 45, 47, 52, 53, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 133, 140, 141, 142, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861 EM000U2R Unlimited Antlered Unlimited Unlimited Antlered							
85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861			FM000U2R				
134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							Unlimited
161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							3
214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861							
691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861	444, 471, 511, 521,						
771, 851 except Bosque del Oso SWA, 861							
Bosque del Oso SWA, 861							
SWA, 861							
3 4 5 6 11 12 13 EM000LI2D Linkington	SWA, 861						
	3, 4, 5, 6, 11, 12, 13,			EM000U3R			Unlimited
14, 15, 16, 17, 18, Unlimited				l .			Oriminited

	e and Combined Rifle s rs or Unlimited License			apter 0 of these regu	ulations), Limite	d License
Unit(s)	1st Season (Separate Limited Elk) Season Dates: 10/15/2016 – 10/19/2016 Unless Otherwise Shown License #s (2015) Hunt Code	2nd Season (Combined) Season Dates: 10/22/2016 – 10/30/2016 Unless Otherwise Shown License #s (2015)	3rd Season (Combined) Season Dates: 11/05/2016 – 11/13/2016 Unless Otherwise Shown License #s (2015)	4th Season (Combined) Season Dates: 11/16/2016 – 11/20/2016 Unless Otherwise Shown License #s (2015)	Float Total (2015)	Total Licenses (2015), unless otherwise shown
21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35, 36, 37, 38, 41, 42, 43, 44, 45, 47, 52, 53, 54, 55, 59, 60, 62, 63, 64, 65, 68, 70, 71, 72, 73, 74, 75, 77, 78, 80, 81, 82, 83, 85, 86, 131, 133, 134, 140, 141, 142, 161, 171, 181, 211, 214, 231, 301, 361, 371, 411, 421, 441, 444, 471, 511, 521, 551, 581, 591, 681, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861			Antlered			
128		EM128 Unlimited / 10/15/2016-1	Antlered			Unlimited
87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 105, 106,		EE087 Unlimited E 09/01/2016– (ither-Sex			Unlimited

	e and Combined Rifle rs or Unlimited License			apter 0 of these regu	ılations), Limite	d License
Number Unit(s) 107, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 129, 130, 132, 135,	rs or Unlimited License 1st Season (Separate Limited Elk) Season Dates: 10/15/2016 - 10/19/2016 Unless Otherwise Shown License #s (2015) Hunt Code	es as shown by hunt of 2nd Season (Combined) Season Dates: 10/22/2016 – 10/30/2016 Unless Otherwise Shown License #s (2015) Hunt Code	3rd Season (Combined) Season Dates: 11/05/2016 – 11/13/2016 Unless Otherwise Shown License #s (2015) Hunt Code	4th Season (Combined) Season Dates: 11/16/2016 – 11/20/2016 Unless Otherwise Shown License #s (2015) Hunt Code	Float Total (2015)	Total Licenses (2015), unless otherwise shown
136, 137, 138, 139, 143, 144, 145, 146, 147, 951		EM054U2R				
54		Over-the-Counter Antleredwith Cap				450
TOTALS		450 450				450 450

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License Numbers or Unlimited Licenses as shown by hunt code.

2nd Season 3rd Season 1st Season 4th Season (Separate Limited Elk) (Combined) (Combined) (Combined) Float Total **Season Dates: Season Dates: Season Dates: Season Dates: Total** Licenses 10/15/2016 - 10/19/2016 10/22/2016 - 10/30/2016 11/05/2016 - 11/13/2016 11/16/2016 - 11/20/2016 (2015)(2015)Unit(s) Unless Otherwise Shown Unless Otherwise Shown **Unless Otherwise Shown Unless Otherwise Shown** License #s (2015) License #s (2015) License #s (2015) License #s (2015) **Hunt Code Hunt Code Hunt Code Hunt Code** Antler-Either Antler-Either Antler-Either Antler-Either Antlered **Antlered** Antlered Antlered less Sex less Sex less Sex less Sex EF00101R EF00102R EF00103R EF00104R 80 25 20 25 10 EF002O1R EF002O2R EF002O3R EF002O4R 115 30 25 35 25 EM003O4R 3. 301 550 550 EF003O2R EF003O3R 3, 301 1000 1000 3, 4, 5, EM00301R 214, 1300 1300 301. 441 3, 4, 5, EF00301R 214. 500 500 301, 441 3, 4, 5, EF003O4R 500 301. 441 500 EM004O4R 4, 441 350 350 EF004O2R EF004O3R 4, 441 700 700 EM005O4R 10 10 EF00503R 5 EF00502R 100 100 6 EE006O4R 80

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License Numbers or Unlimited Licenses as shown by hunt code.

		mbers or l	Unlimit											
		st Season			nd Seasor			3 rd Seasor			th Season			
	(Separa	ite Limited	l Elk)	(0	Combined	d)	(Combined	d)	(0	Combined	I)	Float	Total
	Sea	son Dates	s:	Sea	ason Date	es:	Se	ason Date	es:	Se	ason Date	es:	Total	Licenses
	10/15/20	16 - 10/19	9/2016	10/22/2	016 – 10/3	30/2016	11/05/2	016 – 11/2	13/2016	11/16/2	016 - 11/2	20/2016	(2015)	(2015)
Unit(s)	Unless O	therwise	Shown	Unless (Otherwise	Shown	Unless	Otherwise	Shown	Unless (Otherwise	Shown		
		nse #s (20:	15)	Lice	nse #s (2	015)	Lice	nse #s (2	015)	Lice	nse #s (2	015)		
	Н	unt Code		F	lunt Code	<u> </u>	ŀ	Hunt Code	<u>e</u>	ŀ	Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
												80		
c							E	EF006O3F	₹	Ē	F006O4F	₹		335
6								225			110			335
6, 16,	E	E006O1R												
17, 161,			690											690
171			030											
6, 16,	E	F006O1R		E	F006O2F	?								
17, 161,		1610			1580									3190
171														
7, 8		M007O1R		E	M00702F	'	Ŀ	EM00703F		E	M007O4F	λ	1250	1530
	280									_				
7, 8					F007O2F	<u> </u>		EF007O3F	`		F007O4F	(325	325
		L M009O1R				<u> </u>	г		<u> </u>		- 140000 45)		
9	80	MOOSOIK			M009O2F	\ 		EM00903F	T		M009O4F	7	160	240
		F010O1R			F010O2F			EF010O3F	<u> </u>		F010O4F			
10	<u> </u>	55		_	60			75		<u> </u>	85	`		275
11, 12,	FI	M01101R			00			13			0.5			
13, 23,		VIOTIOTIV												
24, 25,														
26, 33,	5000													5000
34, 131,														
211, 231														
,	E	F01101R												2000

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		nbers or o	Offillitiit								- 4h -			
		t Season			nd Seaso			3 rd Seasor			I th Season		_	_
		te Limited	•	•	Combine	•		Combined	•	•	Combined	•	Float	Total
		son Dates			ason Dat			ason Date			ason Date	_	Total	Licenses
		16 – 10/19			016 – 10/		1	016 - 11/1			016 - 11/2		(2015)	(2015)
Unit(s)	Unless O			Unless (<u>Otherwis</u>	e Shown		Otherwise			Otherwise			
		se #s (20	15)		nse #s (2			nse #s (2			nse #s (2			
	H	unt Code		H	lunt Cod	le	ŀ	Hunt Code	•	ŀ	Hunt Code	•		
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
11, 12,														
13, 23,														
24, 25,		2000												
26, 33,		2000												
34, 131,														
211, 231														
11, 211										E	EM011O4F	₹		420
11, 211										420				420
11, 211				E	F01102	R		EF01103F	}					1300
11, 211					500			800						1300
11, 12,											EF011O4F			
23, 24,			Г											1700
211											1700			
12, 23,				E	F012O2	R		EF012O3F	₹				3000	3000
24													3000	3000
12, 13,										E	EM012O4F	₹		500
23, 24										500				300
13				Е	F013O2	R	E	F013O3F	₹	E	F013O4F	2	500	F00
13													500	500
1.4	E	M014O1R								E	M014O4F	₹		225
14	150									75				225
1.4	E	-01401R		E	F014O2	R		F014O3F	?	E	F014O4F		250	250
14		100											250	350
4.5	E	=015O1R								E	EE015O4F			400
15			250									150		400

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		nbers or the Season	Ommini		od Season			grd Seaso	<u> </u>		4 th Season			
		te Limited	4 EIV)		Combined			Combine			Combined		Float	Total
		son Dates	•		ason Date			eason Da	•		eason Date	•	Total	Licenses
		16 – 10/19	_		016 - 10/3			2016 – 11			2016 – 11/2	-	(2015)	(2015)
Unit(s)	Unless O								se Shown		Otherwise		(2013)	(2013)
		se #s (20			nse #s (20			ense #s (ense #s (20			
		unt Code			lunt Code			Hunt Co			Hunt Code			
	Antlered	Antler-	Either	Antlered	Antler-	Either	Antlered	Amtlar	Either	Antlered	Antlor	Either		
		less	Sex		less	Sex		less	Sex		less	Sex		
15	E	F01501R	•	E	F01502F	2		EF01503	<u> </u>		EF01504R		1200	1425
		225												1423
16											EE016O4R			75
												75		, ,
16								EF01603	3R		EF016O4R			220
								160			60			
17											EE01704R			65
												65		
17, 171								EF01703	<u> </u>		EF01704R			485
,	_							340			145			
40.404	E	E018O1R									EE018O4R			1000
18, 181			840									840		1680
10 101	El	-01801R	<u> </u>											400
18, 181		480												480
10				Ē	F01802F	?		EF01803	BR		EF018O4R			1570
18					455			575			540			1570
19	EN	M01901R		Ē	M019O2F	₹	Ì	EM01903	3R	i i	EM019O4F	2	E00	610
19	110												500	610
19				E	F019O2F	₹		EF01903	3R		EF019O4R		110	110
														110
20		M020O1R			M020O2F	₹		EM02003	3R		EM020O4F	2		80
	20			20			20			20				00
20				E	F02002F	2		EF02003	<u> </u>		EF020O4R			60
					30			20			10			
	L EN	M02101R									EM02104F	?		1260

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

Unit(s)	1 ^s (Separa Sea 10/15/20 Unless O Licer	te Limite son Date 16 – 10/1! therwise ise #s (20 unt Code	d Elk) s: 9/2016 Shown 15)	2 (0 Sea 10/22/20 Unless (Lice	nd Seaso Combine ason Da 016 – 10 Otherwis nse #s (3	ed) tes: /30/2016 se Shown 2015)	Se 11/05/2 Unless Lice	3rd Seaso (Combine eason Da 2016 – 11 Otherwis ense #s (Hunt Co	ed) ates: L/13/2016 se Shown (2015) de	So 11/16/2 Unless Lic	4 th Season (Combined eason Date 2016 – 11/2 Otherwise ense #s (20 Hunt Code	9) es: 20/2016 e Shown 015)	Float Total (2015)	Total Licenses (2015)
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
21, 22, 30, 31, 32	900									360				
21, 22,	E	F02101R												100
30, 31, 32		100												100
21, 30				E	F021O2	:R		EF021O3	3R		EF021O4R 175			875
22				E	F022O2	!R		EF022O3	3R		EF022O4R 100		400	500
25										40	EM025O4F	?		40
25, 26				E	F025O2	:R		EF02503	3R		EF025O4R		200	200
26										100	EM026O4F	}		100
27	El	E027O1R	75								EE027O4R	50		125
27	E	F027O1R 115		E	F027O2	:R		EF027O3 185	3R		EF027O4R 85			645
28, 37	E	E028O1R	550								EE028O4R	385		935
28, 37	E	F028O1R 330	550	E	F028O2	:R		EF028O3	3R		EF028O4R 385			1485
29	10	M029O1R		E	M029O2	2R		EM029O	3R		EM029O4F	?	20	30

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		t Season	Ommini	ea Licens	od Season			3 rd Season	1	1	4 th Season			
		te Limite	4 EIV)		Combined			Combined			Combined	,	Float	Total
		son Date:	•	•	ason Date	•		ason Date	•		eason Date		Total	Licenses
		16 - 10/19	_		016 – 10/3	_		016 – 11/1	_		2016 – 11/2	-	(2015)	(2015)
Unit(s)					Otherwise			Otherwise		1	Otherwise		(2010)	(2013)
		se #s (20			nse #s (20			nse #s (20			ense #s (20			
		unt Code			lunt Code			Hunt Code			Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
29	El	-029O1R		E	F02902R		-	EF029O3R	1		EF029O4R		65	75
29		10											05	75
31				E	F03102R		[EF03103R	<u> </u>		EF031O4R		500	500
					F032O2R			<u> </u>	<u> </u>		<u> </u>			
32					1 0320210			1 032031	`		1 032041		300	300
33											EM033O4R			115
33										115				115
33				E	F033O2R		- I	EF033O3R	<u> </u>		EF033O4R		950	950
											<u> </u>	:		
34										35				35
34				Ē	F034O2R		[EF034O3R			EF034O4R		200	200
											<u>I</u> EE035O4R			
35												50		50
35				E	F035O2R		E	EF035O3R			EF035O4R		210	210
35, 36,	E	E03501R												250
361			250											250
35, 36, 361	E	-035O1R 225												225
		225									<u> </u>			
36, 361												50		50
36, 361				E	F036O2R		E	EF036O3R			EF036O4R		480	480

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		* Season	<u> </u>		nd Seasor			3 rd Seaso	on		4 th Season			
		te Limite	d Elk)		Combine			Combine		I	Combined		Float	Total
		son Dates	-	-	ason Dat	-		eason Da	•		eason Date	<i>-</i>	Total	Licenses
		16 - 10/19			016 - 10/				/13/2016		2016 - 11/2		(2015)	(2015)
Unit(s)	Unless O								se Shown	I	Otherwise		(====,	
\ \ \		se #s (20			nse #s (2			ense #s (ense #s (20			
		unt Code			lunt Cod			Hunt Co			Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antlor	Either Sex	Antlered	Antler- less	Either Sex		
20	E	M038O1R	•								EM038O4F	2		CE
38	35									30				65
20	El	F038O1R		E	F038O2F	₹		EF038O3	3R		EF038O4R		60	90
38		20											60	80
20	EN	M03901R		E	M039O2I	R		EM039O3	3R		EM039O4F	2		100
39	60			60			50			20				190
20	El	F039O1R		E	F03902F	₹		EF039O3	3R		EF039O4R		120	140
39		20											120	140
40	El	E040O1R		E	E04002F	₹		EE040O3	3R		EE040O4R			126
40			35			33			33			25		120
40	El	F040O1R		Ш	F04002F	₹		EF04003	3R		EF040O4R			150
40		40			35			35			40			150
41, 42,	E	M04101R									EM04104F	2		
52, 411,	1000									400				1400
421, 521										400				
41, 42,	El	F04101R												
52, 411,		900												900
421, 521		300				_								
41				E	F04102F	₹		EF04103	3R		EF04104R		600	600
42					F04202F	₹		EF04203	3R		EF042O4R		900	1550
	_				650									
43, 471	E	E04301R												225
			225											
43, 471	El	F04301R												35
		35												

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

			Ommini	ed Licens							- 41					
Unit(s)	1 st Season			2 nd Season			3 rd Season			1	4 th Season					
	(Separate Limited Elk)			(Combined)			(Combined)			(Combined)			Float	Total		
		son Dates	_	Season Dates:			Season Dates:				eason Date	_	Total	Licenses		
	10/15/2016 - 10/19/2016			10/22/2016 - 10/30/2016			11/05/2016 – 11/13/2016			11/16/2016 - 11/20/2016			(2015)	(2015)		
	Unless Otherwise Shown			Unless Otherwise Shown			Unless Otherwise Shown			Unless Otherwise Shown						
	License #s (2015)			License #s (2015)			License #s (2015)			Lic	ense #s (20					
	Hunt Code			Hunt Code			Hunt Code				Hunt Code					
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex				
40											EE043O4R			75		
43												75		75		
40				E	F043O2F	₹	-	EF043O3	BR		EF043O4R					
43													450	450		
44, 45,	FI	E04401R								<u>'</u>						
47, 444			300											300		
44, 45,	El	F04401R												0.40		
47, 444		340												340		
											EE044O4R	:		190		
44												190				
				E	F044O2F	₹		EF044O3			EF044O4R			250		
44													250			
45							<u> </u>	 -			EE045O4R	:		130		
45												130				
				E	FO4502I	R		F045O3	 BR		EF04504R		4	4		
45													175	175		
40	EM046O1R			EM046O2R			EM046O3R				 EM046O4F	2		1		
46	25												80	105		
46	EF046O1R			EF046O2R			EF046O3R				EF046O4R			00		
		20			Ī								60	80		
47											EE047O4R					
									55				55			
			EF047O2R			EF047O3R				EF047O4R			1			
47					311321	•							290	290		
'														200		
48	EI	M048O1R		E	M048O2I	₹	Е	M048O3	3R		 EM048O4F	2	90	160		

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		nbers or	Uniimit											
Unit(s)	1 st Season			2 nd Season			3 rd Season				4 th Season			
	(Separate Limited Elk)			(Combined)			(Combined)			(Combined)			Float	Total
	Season Dates:			Season Dates:			Season Dates:			Season Dates:			Total	Licenses
	10/15/2016 - 10/19/2016			10/22/2016 - 10/30/2016			11/05/2016 – 11/13/2016			11/16/2016 - 11/20/2016			(2015)	(2015)
	Unless Otherwise Shown			Unless Otherwise Shown			Unless Otherwise Shown			Unless Otherwise Shown				
	License #s (2015)			License #s (2015)			License #s (2015)			Lice	ense #s (20			
	Hunt Code			H	lunt Cod	е	Hunt Code				Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
	70													
40				EF048O2R			EF048O3R			EF048O4R			4-0	
48											50		150	200
40	EN	M049O1R			M049O2I	R	EM049O3R			EM049O4R			1.10	000
49	80												140	220
40				Ē	EF049O2R							000		
49					100			100			100			300
49 within			EF049S2R			EF049S3R			EF049S4R					
Lake														140
County					50			50			40			140
ONLY					- 1									
50	EM05001R			EM050O2R			EM050O3R			EM050O4R			225	275
50	50													
50				EF050O2R			EF050O3R			EF050O4R			400	400
30											400	400		
F1	EN	M05101R		EM051O2R			EM05103R			EM051O4R			100	140
51	40													
51	El	-05101R		EF051O2R			EF051O3R			EF051O4R			100	130
		30												
52				EF052O2R			EF052O3R			EF052O4R			005	FF0
				325									225	550
F2 C2	EM053O1R													225
53, 63	225													225
F0 C0	EF053O1R													275
53, 63	275													275
		-												

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

			Ommini			iown by i				1	4th Canada				
Unit(s)	1 st Season			2 nd Season			3 rd Season			4 th Season					
	(Separate Limited Elk)			(Combined)			(Combined)			(Combined)			Float	Total	
	Season Dates:			Season Dates:			Season Dates:			Season Dates:			Total	Licenses	
	1	16 – 10/19					11/05/2016 – 11/13/2016			11/16/2016 – 11/20/2016			(2015)	(2015)	
				Unless Otherwise Shown			Unless Otherwise Shown								
		se #s (20	15)	License #s (2015)			License #s (2015)			License #s (2015)					
	Hunt Code			Hunt Code			Hunt Code			Hunt Code					
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex			
F2										EM053O4R				25	
53										25				25	
				EF053O2R			EF053O3R			EF053O4R				220	
53					120			150			50			320	
54	EF054O1R			EF054O2R			EF054O3R			EF054O4R				500	
		170			150			70			110			500	
ΕΛ	EN	/054O1R									EM054O4F	₹		985	
54															
55											EE055O4F	2		45	
55												45		45	
55	EN	//055O1R									280				
55	280													280	
55	EF05501R			Е	F055021	R	E	EF05503	3R	EF055O4R				1125	
33		325			305			375			130			1135	
56	EN	EM056O1R			EM056O2R			EM056O3R			EM056O4R			175	
30	50			50			50			25				175	
56				E	F056O2I	R		EF056O3	BR		EF056O4F	2		130	
					50			50			30			130	
57, 58	EM057O1R			EM057O2R		EM057O3R		EM057O4R				220			
	80			80		80	30		80			320			
57, 58	EF057O1R			EF057O2R			EF057O3R		EF057O4R				400		
		90			110			110			90			400	
59, 581	EM059O1R									EM059O4R				280	
29, 581	100									180				200	

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

				ed Licens										
		^t Season			nd Seasoi			3 rd Seaso			4 th Season			
		te Limite		•	Combine	•		Combine	•		Combined	•	Float	Total
		son Date	-		ason Dat			ason Da			eason Date	_	Total	Licenses
		16 – 10/1			016 – 10/			2016 – 11			2016 – 11/2		(2015)	(2015)
Unit(s)	Unless O								e Shown		Otherwise			
		se #s (20			nse #s (2			ense #s (2			ense #s (2)			
	H	unt Code		F	lunt Cod	e	l	Hunt Cod	<u>le</u>		Hunt Code)		
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
	El	-05901R		E	F05902I	₹	I	EF059O3	Ŕ		EF059O4F	2		
59, 581		50											150	200
<u></u>		,									EE060O4F	2		Ε0
60												50		50
60		и060O1R												45
	45 EF060O1R													_
60	E			<u> </u>	F060O2I	<u>≺</u>		EF060O3	<u> </u>		EF060O4F	2	20	40
		10			10			-1400400			- 1001 O 15			
61		M06101R		E	M06102	R	Ŀ	EM061O3	SR		EM061O4F	ζ	190	330
	140	<u> </u> =06101R			<u> </u>			<u> </u>	D		EF061O4F	,		
61		60 T			225	1		250	·K		250			785
		60 [225			250			250 EE062O4F	,		
62											EE00204F	100		100
		<u> </u>	<u> </u>									100		
62	285	VIOUZOIR	<u> </u>											285
60	Ei	-062O1R		E	F06202	₹		EF062O3	R		EF062O4F		250	CEO
62		150			250								250	650
63		150									EM063O4F	₹		15
03										15				13
63				E	F06302	₹	I	EF063O3	R		EF063O4F	2		250
0.5					125			75			50			230
64, 65	E	E064O1R								<u> </u>	EE064O4F			475
			400									75		

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		mbers or st Season	Omminic		nd Seasor			3 rd Seaso		ı	4 th Season			
			u.										-1 4	-
		te Limited	-	•	Combined	•		(Combine	•		(Combined	•	Float	Total
	1	son Dates			ason Date			eason Dat		_	eason Date		Total	Licenses
11:4(-)		16 – 10/19			016 – 10/3			2016 – 11/			2016 – 11/2		(2015)	(2015)
Unit(s)		therwise									Otherwise			
		se #s (20	15)		nse #s (2			ense #s (2		Lic	ense #s (20			
	Н-	unt Code		-	lunt Code			Hunt Cod			Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	less	Either Sex	Antlered	iess	Either Sex		
64, 65	El	F06401R		E	F06402F	₹		EF064O3	R		EF06404R		330	770
04, 05		165			275								330	770
66	E	M066O1R		E	M066O2F	₹		EM066O3	R		EM066O4R			785
00	315			260			155			55				765
66	El	F066O1R		Ш	F066O2F	?		EF066O3	R		EF066O4R			630
00		135 EM067O1R			165			200			130			030
C7	EI	M06701R		E	M06702F	₹		EM067O3	R		EM067O4R			000
67	290			275			155			80				800
C7	E	F06701R		E	F06702F	₹		EF067O3	R		EF06704R			COF
67		100			155			190			190			635
60, 601	EI	M068O1R									EM068O4R			F0F
68, 681	375									130				505
60				Ē	F068O2F	₹	·	EF068O3	R		EF068O4R			F 40
68					210			230			100			540
60.04	EI	M069O1R		E	M069O2F	₹		EM069O3	R		EM069O4R			005
69, 84	75			80			40			40				235
60.04				Ē	F069O2F	₹	·	EF069O3	R		EF06904R			000
69, 84					200			100			60			360
70				E	F070O2F	?		EF07003	 R		EF070O4R			010
70					350			260			200			810
	EI	II EE070O1R									EE070O4R			
70,			400									40		440
	EI	E07101R									EE07104R			
71, 72, 73, 711			860									190		1050

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

+		<u> </u>				unt coa		n		1th Season			
1		d Elk)										Eloat	Total
			•		•						<i>-</i>		Licenses
1													(2015)
												(2020)	(2020)
									+				
Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		Antlor	Either		Antlor	Either		
			E	F07102F	?		EF071O3			EF07104R		105	105
												195	195
			E	F072O2F	2		EF072O3	R		EF072O4R		80	80
								_					
				F073O2F	2		EF073O3 	R		EF073O4R 		40	40
EI	E074O1R												325
		325											323
										EM074O4F	2		60
													- 00
			E	F074O2F	2		EF074O3 T	R		EF074O4R 		125	125
FI	-075O1R												
		650											650
										 EM075O4F	2		00
									80				80
			E	F07502F	?		EF075O3	R		EF075O4R		600	600
												000	800
E	M076O1R		E	M076O2F	₹	ا	EM07603	R					280
190			60			30							200
			E	F076O2F	2		EF076O3	R		EF076O4R			570
				200			180			190			370
El	<u>=07701R</u>	750											750
		750							-	-M07704F	,		
										=1V10 / / O4F			80
	(Separa Sea 10/15/20 Unless O Licen Hi Antlered	Season Date: 10/15/2016 - 10/19 Unless Otherwise License #s (20 Hunt Code Antlered Antler-less EE07401R EE07501R EM07601R	(Separate Limited Elk)	(Separate Limited Elk)	(Separate Limited Elk)	Combined Season Dates: 10/15/2016 - 10/19/2016 Season Dates: 10/22/2016 - 10/30/2016 Unless Otherwise Shown License #s (2015) License	Combined Season Dates: 10/15/2016 - 10/19/2016 Season Dates: 10/15/2016 - 10/19/2016 Unless Otherwise Shown License #s (2015) License	Combined Season Dates: 10/15/2016 - 10/19/2016 Unless Otherwise Shown Unless Otherwise Shown License #s (2015) Lic	Combined Season Dates: 10/15/2016 - 10/19/2016 10/19/2016 - 10/19/2016 - 10/19/2016 - 10/19/2016 - 10/19/2016 - 10/19/2016 - 11/13/2016 11/05/2016 11/05/2016 11/	Combined Season Dates: 10/15/2016 - 10/19/2016 10/15/2016 - 10/13/2016 11/15/2016 - 11/13/2016 11/15/2016 11/15/2016 - 11/15/2016 11/1	Combined Season Dates: 10/15/2016 - 10/19/2016 Unless Otherwise Shown License #s (2015) License	Combined Season Dates: 11/15/2016 - 10/13/2016 10/12/2016 - 10/13/2016 10/13/2016 - 10/13/2016 11/15/2016 - 11/15/2016 11/15/2016 - 11/15/2016 11/15/2016 - 11/15/2016 11/15/2016 - 11/15/2016 11/15/2016 11/15/2016 - 11/15/2016 11/15/2015 11	Combined Season Dates

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License Numbers or Unlimited Licenses as shown by hunt code.

2nd Season 3rd Season 1st Season 4th Season (Combined) (Separate Limited Elk) (Combined) (Combined) **Float** Total **Season Dates: Season Dates: Season Dates: Season Dates: Total** Licenses 10/15/2016 - 10/19/2016 10/22/2016 - 10/30/2016 11/05/2016 - 11/13/2016 11/16/2016 - 11/20/2016 (2015)(2015)Unit(s) Unless Otherwise Shown Unless Otherwise Shown Unless Otherwise Shown | Unless Otherwise Shown License #s (2015) License #s (2015) License #s (2015) License #s (2015) **Hunt Code Hunt Code Hunt Code Hunt Code** Antler-Either Antler-Either Antler-Either Antler-Either **Antlered** Antlered Antlered Antlered Sex less Sex less Sex less Sex EF077O4R 77, 78, EF07702R EF07703R 245 771 125 70 50 EM07901R EM07902R EM07903R 79 365 165 100 100 EF07901R EF07902R EF07903R EF079O4R 79 325 50 100 75 100 EM08001R EM08004R 80, 81 900 850 50 EF08003R EF08004R EF08002R 80 225 5 5 215 EF08102R EF08103R EF08104R 81 235 225 5 5 EE08201R EE08204R 82 375 300 75 EF08201R EF082O2R EF08203R EF08204R 82 465 25 200 200 40 85. 140. EE08501R EE08504R 851 except 250 Bosque 100 150 del Oso SWA

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

S51 Except Exce					ed Licens						1	4th 0	-		
Season Dates: 10/15/2016 - 10/19/2016 10/22/2016 - 10/30/2016 11/16/2016 - 11/13/2016 11/16/2016 - 11/16/2016 11/16/2016 - 11/16/2016 11/16/2016 - 11/16/2016 11/16/2016 - 11/16/2016 11/16/2016 - 11/16/2016 11/16/2016 - 11/16/2016 11/16/2016										_	I				l <u> </u>
Unit(s) Unit				•	•		•			•	1	•	•		
Unit(s) Unless Otherwise Shown License #s (2015)				-											
Cicense #\$ (2015)											1			(2015)	(2015)
Hunt Code	Unit(s)														
Antiered Antier Either Sex Antiered Antier Either Sex Antiered Antier Either Sex Antiered Antier Either Sex Ef08504R															
Antiered less Sex Anti		H			H							_			
S51 Except Exce		Antlered			Antlered			Antlered		1	Antlered				
Secret S	85, 140,				E	F08502	R		EF08503	3R		EF08504F			
Bosque del Oso SWA Bebasia Beb	851														
Bosque del Oso SWA	except					- 1									120
SWA EE08601R EE08602R EE08604R 240 86, 691, 861 EF08602R EF08602R EF08604R 375 375 861 EM10401R EM10402R EM10403R EM10404R 85 115 131 EF13102R EF13103R EF13104R 250 250 133, 134, 141, 142 EM13304R 30 EF16104R 30 30 100 161 EF16103R EF16103R EF16104R 390 390 390	Bosque					40			40			40			120
86, 691, 861 EE08601R EF08602R EF08603R EF08604R 375 375 861 EM10401R EM10402R EM10403R EM10404R 85 115 131 EF13102R EF13103R EF13104R 250 250 133, 134, 141, 142 EF13104R 30 EF13104R 250 250 161 EF13104R EF13104R 30 EF13104R 30 30 30 161 EF13104R EF13104R 30<	del Oso					- 1									
861 EF08602R EF08603R EF08604R 375 375 104 EM10401R EM10402R EM10403R EM10404R 85 115 131 EF13102R EF13103R EF13104R 60 60 60 133, 134, 141, 142 EF13103R EF13104R 250 250 250 161 EF16103R EF16104R 100 100 100 390 171 EF17104R EF17104R 60 130 390 60 <td< td=""><td>SWA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	SWA														
S61	86, 691,	E	E086O1R									EE086O4F	2		240
861 EM104O1R EM104O2R EM104O3R EM104O4R 85 115 131 EM104O3R EM104O4R 85 115 131 EM131O4R 60 60 60 133, 134, 141, 142 EM131O4R 250 250 161 EM133O4R 30 EE161O4R 30 161 EF161O3R EF161O4R 100 161 EF161O4R 250 250 171 EF161O4R 390	861														240
104 EM10401R	86, 691,				Е	F086O2	R		EF08603	3R		EF086O4F	2	275	275
104 30	861													3/5	3/5
131	104	EN	И104O1R		E	M104O2	R	E	EM10403	3R		EM104O4F	₹	O.E.	115
131	104	30												00	113
131	101											EM13104F	₹ .		60
131	131										60				60
133, 134, 142	101				E	F13102	R		EF13103	3R		EF13104F	2	250	250
134, 142	131													250	250
134, 142	133,											FM133O4F	2		
161 EF161O4R 100 161 EF161O3R EF161O4R 390 171 EE171O4R 60	134,												`		30
161	141, 142										30				
161 EF16103R EF16104R 390												EE16104F	2		100
161 260 130 390 171 EE17104R 60	101												100		100
171 EE17104R 60	1.01								EF16103	3R		EF16104F			200
1/1	TOT								260			130			390
1/1 60 60	171								,			EE17104F			60
	1/1					T		T					60		60

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

		^t Season	Ommini	ed Licens	nd Seasor			3 rd Seaso	าท		/	I th Season			
	1	te Limite	d Flk)		Combined			(Combine	_			Combined		Float	Total
		son Date:	•	•	ason Date	•		eason Da	•		•	ason Date	•	Total	Licenses
		16 – 10/19	_		016 - 10/3			2016 - 11		6		016 - 11/2	_	(2015)	(2015)
Unit(s)	Unless O							Otherwis				Otherwise		(====)	(====)
` ` ′		se #s (20			nse #s (2		Lice	ense #s (2015)		Lice	nse #s (20	015)		
		unt Code	•		lunt Code			Hunt Co				Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Eithe Sex		Antlered	Antler- less	Either Sex		
181				Е	F18102F	₹		EF18103	3R		Е	EF18104R			620
191					190			240				190			020
191	EN	/19101R		Ш	M19102F	₹		EM1910	3R		Е	EM191O4F	₹	300	350
191	50													300	350
191				E	F191O2F	₹		EF19103	3R		E	EF19104R		100	100
004	EF	-20101R		E	F20102F	₹		EF20103	3R		E	=F201O4R			455
201		30			55			30				40			155
214											E	EM214O4F	₹		50
214											50				50
214					F214O2F	?		EF21403	3R		E	EF214O4R		400	400
											F	 EM231O4F	2		
231											60				60
201				Ė	F231O2F	₹		EF23103	BR		E	EF23104R	1	2=2	252
231														250	250
074	E	37101R									E	E37104R			005
371			155										110		265
271	EF	-37101R		Ė	F37102F	₹		EF37103	3R		E	EF37104R			420
371		110			75			130				115			430
391	EN	EM39101R			M39102F	₹		EM3910	3R		E	M391O4F	?	60	60
331															00
411				E	F411O2F 100	₹		EF41103	3R		E	EF41104R		100	200
421				E	F42102F	?		EF42103	3R		E	EF42104R		1100	1100

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

Unit(s)	1 ^s (Separa Sea 10/15/20 Unless O Licen	^t Season te Limite son Date: 16 – 10/19	d Elk) s: 9/2016 Shown	(C Sea 10/22/20 Unless C Lice	nd Seasor Combined ason Date 016 – 10/3	1 l) es: 80/2016 e Shown 015)	((Se 11/05/2 Unless (3 rd Seaso Combine ason Da 2016 – 11	ed) ites: /13/2016 se Showr 2015)	11/16/2 Unless	4 th Season Combined eason Date 2016 – 11/2 Otherwise ense #s (20 Hunt Code) es: 20/2016 Shown 015)	Float Total (2015)	Total Licenses (2015)
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler-	Either Sex		
444											EE444O4R	140		140
444				E	F444O2F	?		EF44403	BR		EF444O4R		565	565
461	EN	M46101R		E	M46102F	₹	E	EM46103	3R		EM461O4F	2	60	60
461	EF	-46101R		E	F461O2F	?		EF46103	BR		EF46104R	1	50	50
471											EE47104R	25		25
471				E	F47102F	?		EF47103	BR		EF47104R		45	45
481	70	M48101R		E	M48102F	₹	E	EM48103	3R		EM481O4F	2	200	270
481	10			E	F481O2F	?	I	EF48103	BR		EF48104R		200	200
500	100	M50001R		E	M500O2F	₹	E	EM500O	3R		EM500O4F	2	150	250
500	100			E	F500O2F	?		EF500O3	BR		EF500O4R	1	350	350
501	35	M50101R		E	M50102F	?	E	EM50103	3R		EM501O4F	?	135	170
501	33			E	F501O2F	?		EF501O3	BR		EF50104R		200	200
511	75	M51101R								100	EM511O4F	2		175

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

			Ommini			iown by n					-41			
		Season			^{1d} Seaso			3rd Seas			4 th Season			
		te Limite	•	•	Combine	•		(Combin	•		Combined	•	Float	Total
		son Date:	_		ason Dat			eason Da			ason Date	-	Total	Licenses
	10/15/202)16 – 10/				L/13/2016		2016 – 11/2		(2015)	(2015)
Unit(s)	Unless Of	therwise	Shown	Unless C	Otherwis	e Shown	Unless	Otherwi	se Shown	Unless	Otherwise	Shown		
	Licen	se #s (20	15)	Lice	nse #s (2	2015)	Lic	ense #s ((2015)	Lice	ense #s (20)15)		
	Hu	ınt Code		Н	lunt Cod	е		Hunt Co	de		Hunt Code			
	Antlered	Antler-	Either	Antlered	Antler-	Either	Antlered	Antler-		Antlered	Antler-	Either		
		less	Sex		less	Sex		less	Sex		less	Sex		
511	E	51101R		E	F51102	К		EF5110	3R		EF51104R		100	130
		30												
521				E	F52102	R		EF5210	3R		EF52104R			
north of														
West														
Muddy													700	700
Creek													700	100
and east														
of Colo														
133														
521				E	F521S2F	₹		EF521S3	3R		EF521S4R			
south of														
West														
Muddy														
Creek													650	650
and west													030	050
of														
Paonia														
Reservoi														
r														
551											EE55104R			20
221											20			
EE1	EN	//55101R												70
551	70													70
FF4	EF55101R			E	F55102I	R		EF5510	3R		EF55104R			666
551		120			240			250			50			660
561	EN	/56101R		E	M561O2	R		EM5610	3R	E	EM561O4R			105

B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License

				ed Licens							-th -			
		t Season			¹d Seasor			3 rd Seaso			th Season			[
		te Limite	•	•	Combine	•		Combine	•	•	Combined	•	Float	Total
		son Date	_		ason Dat			eason Da			ason Date		Total	Licenses
		16 – 10/1			016 – 10/3				/13/2016		2016 – 11/2		(2015)	(2015)
Unit(s)	Unless O								se Shown	+	Otherwise			
	Licen	se #s (20	15)	Lice	nse #s (2	(015)	Lice	ense #s (2015)	Lice	ense #s (2)	015)		
	H	unt Code			lunt Cod			Hunt Co		ŀ	Hunt Code			
	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		
	30			30			30			15				
561				Е	F56102F	7		EF56103	3R	E	EF56104F	2		80
201					30			30			20			00
CO1				Е	F68102F	₹		EF68103	3R	1	EF68104F	2		225
681					160			125			50			335
74.4				Ē	F71102F	₹		EF71103	3R	ı	EF71104F		170	075
711											105		170	275
7.44				E	E74102F	₹		EE74103	3R		EF74104F	2	70	70
741													70	70
851 Bosque	EN	M851O1R		Ē	M851O2I	R	İ	EM8510	3R	E	EM851O4F	?		
del Oso SWA only	5			5			5							15
851 Bosque								EF85103	3R					
del Oso SWA only								5						5
851 Bosque del Oso				E	E851K2F	₹		EE851K3	BR .					
SWA only Youth Only						2			2					4

#257 - RIFLE AND ASSOCIATED METHODS ELK SEASONS - ANY LAWFUL METHOD OF TAKE PERMITTED DURING THESE SEASONS B. Regular Rifle Elk Seasons

1. Separate and Combined Rifle Seasons, Dates, Units (as described in Chapter 0 of these regulations), Limited License Numbers or Unlimited Licenses as shown by hunt code.

			•	<u> </u>	500 ao 0 .	ioviii by i	idilic ood	<u>. </u>						
	1 s	^t Season		2	nd Seaso	n		3 rd Seaso	n	4	I th Season	1		
	(Separa	te Limite	d Elk)	(0	Combine	ed)	(Combine	ed)	(0	Combined	d)	Float	Total
	Sea	son Date	s:	Sea	ason Da	tes:	Se	ason Da	tes:	Se	ason Date	es:	Total	Licenses
	10/15/20	16 – 10/19	9/2016	10/22/20	016 - 10	/30/2016	11/05/2	2016 – 11	/13/2016	11/16/2	016 - 11/2	20/2016	(2015)	(2015)
Unit(s)	Unless O	therwise	Shown	Unless (Otherwis	e Shown	Unless	Otherwis	e Shown	Unless (Otherwise	Shown		
	Licen	se #s (20	15)	Lice	nse #s (2	2015)	Lice	ense #s (2015)	Lice	nse #s (2	015)		
	Hu	unt Code		_	lunt Coc	le		Hunt Cod	le	ŀ	Hunt Code	Э		
	Antlered	Antler-	Either	Antlered	Antler-	Either	Antlered	Antler-	Either	Antlered	Antler-	Either		
	Antiereu	less	Sex	Anticica	less	Sex	Anticica	less	Sex	Anticica	less	Sex		
Totals	13290	9090	7490	1020	9000	35	715	7115	485	4330	7125	3600	25480	88775

- C. Private Land Only Elk Seasons
 - 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Cond 1: (: Lii 10	son D curren st Seas Separa mited /15/20	t with son ate Elk) 16 –	(Con		with n d)	Concu Seasor	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd pined)	Conc 4 th (Co	son Da urrent Seas ombino 16/201 /20/20	with on ed)	Float Total (2015)		Other Seas	on Date:	S		Total (2015)
		nses (Licens				nses (20	15)	Licer	ses (2	2015)				Licen	ses (201	. 5)	
	Antler d	ntlere ntler Either Antle d less Sex				Either Sex	Antlered	Antler- less	Either . Sex	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered ^a	Antlerless	Either Sex	
1														EF001P5R	08/15/2016- 01/15/2017		10		10
3, 4, 5, 214, 301, 441	E	E003P	1R 400											EF003P5R	10/22/2016- 11/30/2016		850		1250
6, 16, 17,	E	E006P	1R																150
161, 171			150																130
6, 16, 17,				EF0	06P2I	₹								EF006P5R	08/15/2016-		350		400
161, 171					50										09/30/2016				
6			Τ				EF	-006P3F 10	<u>₹</u>	EF	006P4	IR	_						20
7, 8														EF007P5R	09/01/2016- 01/31/2017		200		200
9														EF009P5R	09/01/2016- 01/31/2017		145		145

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Conci 1 st (So Lim 10/1 10/	Sease epara nited E L5/201 /19/20	t with on te Elk) L6 – 16	(Con 10/22 10/3	rrent v Season nbined 2/2016 0/2010	with n d) – 6	Season 11/0 11/	05/2016 05/2016	th 3 rd ined) –	Conc 4 th (Co 11/1 11/	Seas mbine 16/201 220/20	with on ed) 6 – 16	Float Total (2015)		Other Seas	,			Total (2015)
		ntler-	Either	Licens Antlered	Antler-	Either	Licen Antlered		Either	Licen Antlered		Either		Hunt Code	Date Open-		nses (201 Intlerless	Either	
	d	less	Sex		less	Sex		less	Sex		less	Sex			Date Closed			Sex	
10		EE011P1R												EF010P5R	08/15/2016- 01/15/2017		125		125
11, 12, 13, 23, 24, 25, 26, 33, 34, 131, 211, 231	EE	EE011P1R 700																	700
11, 12, 13, 23, 24, 211	700													EF011P5R	10/01/2016- 11/30/2016		800		800
14, 214, 441														EF014P5R	12/01/2016- 12/31/2016		300		300
15	EE	EE015P1R EE015P2R					EE	015P3F	?	EE	015P4	IR		EF015P5R	11/21/2016- 01/31/2017		300		600
			75			75			75			75							
16							EF	10 10	2	EF	016P4 10	IR							20
17							EF	017P3F	₹	EF	017P4	IR.							20

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Cond 1 ^s (S Lin 10/	son D curren Seas Separa nited 15/20:	t with on ate Elk) 16 –	Concu 2 nd S (Con 10/22	on Daterrent v Season S	with n d)	Concu Seasor	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd ined)	Conci 4 th (Co 11/1	son Da urrent Seas mbind 16/201	with on ed)	Float Total (2015)		Other Seas	on Date	S		Total (2015)
			2015)	Licens				1ses (20		Licen							nses (202		
	Antlere d	Antler- less	Either . Sex	Antlered/	Antler- less	Either Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered	ntlerless	Either Sex	
								10			10								
18	EF	-018P	1R	EF0	18P2F	₹	EF	-018P3R	<u> </u>	EF	018P4	R	240						240
18, 181	E	018P	1R 360							EE	018P4	IR 360							720
19														EF019P5R	09/01/2016- 01/31/2017		150		150
20														EF020P5R	09/01/2016- 01/31/2017		500		500
21, 22, 30,	E	L 5021P	1 D																
31, 32		10211	125																125
22, 31, 32														EF022P5R	10/15/2016- 12/31/2016		400		400
23, 24														EF023P5R	12/01/2016- 12/31/2016		50		50

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Cond 1 st (S Lin 10/	son D curren Seas Separa nited I 15/201	t with on ite Elk) L6 –	(Con		with n d)	Concu Seasor 11/	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd pined)	Conc 4 th (Co 11/1	son Da urrent Seas ombino 16/201 120/20	with on ed) 6 –	Float Total (2015)		Other Seas	on Date	s		Total (2015)
		nses (Licens				nses (20			ses (2						ises (201	_	
	Antlere d	Antler- less	Either A	Antlered <i>i</i>	Antler- less	Either Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered	Antlerless	Either Sex	
25, 26, 231														IEEU/SPSR	08/15/2016- 01/15/2017		400		400
27	EF	-027P 25	1R	EF0	27P2I	₹	EF	-027P3F	? 	EF	027P4	·R	25						50
	EE	123 5027P	IR 1R							EE	.027P4								
27			100									100	1						200
28, 37	EF	028P	1R	EF0	28P2I	۲	EF	028P3F	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	EF	028P4	·R	440						440
28, 37	E	028P	1R 220							EE	028P4	R 220							440
29														EF029P5R	09/01/2016- 01/31/2017		80		80

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Cond 1 ^s (S Lin 10/	son D currer Seas Separa nited 15/20	nt with son ate Elk) 16 –	Conc 2 nd (Co	son Da urrent Seaso ombine 22/201/ /30/202	with on ed)	Concu Seaso	ison Da irrent w n (Comb /05/2016 L/13/201	ith 3 rd pined)	Conc 4 ^{tt} (Co	son Da current Seaso ombine 16/201 /20/202	with on ed)	Float Total (2015)		Other Seas	on Date:	S	Total (2015)
,			(2015) -Either Sex		nses (2 d Antler less			Antler- less		Licer Antlered	nses (2 Antler- less			Hunt Code	Date Open-		nses (202 Antlerless	
33	-	,,,,,,			1.000	100			1	EE	E033P4	lR		EF033P5R	12/01/2016- 01/31/2017		100	125
34												25		EF034P5R	08/15/2016- 01/15/2017		50	50
35														EF035P5R	08/15/2016- 01/15/2017		100	100
35, 36, 361	E	=035F	1R 30															30
36, 361														EF036P5R	08/15/2016- 01/15/2017		65	65
38	E	E038F	1R 10											EF038P5R	09/01/2016- 01/31/2017		150	160
39			1 10											EF039P5R	09/01/2016- 01/31/2017		50	50

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Conc 1 st (S Lim 10/1	son Daurren Seas epara ited I 15/201	t with on te Elk) L6 –	Concu 2 nd : (Cor 10/2	on Dat Irrent v Seaso mbined 2/2016 30/201	with n d)	Concu Seasor	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd pined)	Conc 4 th (Co	son Da urrent Seas ombine 16/201 /20/20	with on ed)	Float Total (2015)		Other Seas	on Date	s		Total (2015)
				Licens				ises (20			ses (2		<u> </u>				ises (201		
	1	Licenses (2015) ntlere intler-Eithe d less Sex		Antlered.	Antler- less		Antlered	Antler- less	Either Sex	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered	Antlerless	Either Sex	
40		less Sex												EF040P5R	09/01/2016- 11/30/2016		375		375
41, 42, 52,	FF	EE041P1R								FF	 :041P4	lR							
411, 421, 521		.0411	330								0411	145							475
41														EF041P5R	09/01/2016- 01/31/2017		275		275
43														EF043P5R	08/15/2016- 01/15/2017		150		150
43, 471	EE	EE043P1R 10																	10

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	(Se Limi 10/1		with on te te Elk) 6 –	(Con	with n d)	Concu Seasor	son Dat rrent wi n (Comb 05/2016 /13/2010	th 3 rd pined)	Conc 4 ^{ti} (Co	son Daurent Seas Ombina 16/201	with on ed)	Float Total (2015)		Other Seaso	on Date	s		Total (2015)
	Licens			Licens	 		nses (20			nses (2						ises (20		
	Antlere	ntler- less	Either / Sex	Antlered/	Either. Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered ^a	Antlerless	Either Sex	
44													EF044P5R	08/15/2016- 01/15/2017		125		125
44, 45, 47,	EEC	044P2																75
444			75											00/45/0046				
45													EF045P5R	08/15/2016- 01/15/2017		50		50
46													EF046P5R	09/01/2016- 01/31/2017		40		40
47													EF047P5R	08/15/2016- 01/15/2017		75		75
50													EF050P5R	09/01/2016- 01/31/2017		30		30
51													EF051P5R	09/01/2016- 01/31/2017		175		175
52													EF052P5R	12/01/2016- 01/31/2017		175		175

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Conc 1 st (S Lim 10/2	son Da urrent Sease epara ited E 15/201 /19/20	t with on te Elk)	Concu 2 nd ((Cor 10/22	on Dat rrent v Seaso nbined 2/2016 80/201	with n d)	Concu Seasor 11/	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd ined) –	Conc 4 th (Co 11/2	son Da urrent Seas ombine 16/201 /20/20	with on ed) 6 –	Float Total (2015)		Other Seas	on Date	S		Total (2015)
		ses (2		Licens				nses (20			ises (2						ses (201		
	1	Antler- less	Either . Sex	Antlered	Antler- less	1	Antlered	Antler- less	Either . Sex	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered ⁴	Antlerless	Either Sex	
53, 63	EE	053P	1R							EE	053P4	IR .							150
			85									65							130
53, 63 -Delta County only, 521 - South of Colo 133 and west of Somerset	f													EF053P5R	12/01/2016- 01/31/2017		125		125
54	EE	054P	1R 25							EE	054P4	IR 65							90

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Season Dates Concurrent with 1 st Season (Separate Limited Elk) 10/15/2016 – 10/19/2016	Season Dates Concurrent with 2 nd Season (Combined) 10/22/2016 – 10/30/2016	Season Dates Concurrent with 3 rd Season (Combined) 11/05/2016 – 11/13/2016	Season Dates Concurrent with 4 th Season (Combined) 11/16/2016 – 11/20/2016	Float Total (2015)		Other Seas	on Date	es		Total (2015)
	Licenses (2015 Antlere Intler-Eithe	Licenses (2015)	Licenses (2015) rAntlered Antler- Either	Licenses (2015) Antlered Antler- Either	-	Hunt Code	Date Open- Date Closed	1	nses (2019 Antleriess	_	
54 - area	d less Sex	less Sex	less Sex	less Sex		EF054P5R			50	Sex	50

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Conc 1 st (S Lim 10/3	son Da urrent Seaso epara nited E 15/201 /19/20	t with on te Elk) .6 –	(Con		with n d)	Concu Seasor	son Date rrent win (Comb 05/2016 /13/2016	th 3 rd ined) –	Conc 4 th (Co 11/2	son Da urrent Seaso ombine 16/2010 /20/201	with on ed)	Float Total (2015)		Other Seas	on Date	S		Total (2015)
	Licer	1808 (2015)	Licens	205 (2)	115)	Lice	nses (20	15)	Licer	ses (2	015)	1			Licer	ses (201	15)	İ
		icenses (2015) Licenses (2015) tlereAntler-Either Antlered Antler-Eit d less Sex less S								Antlered			+	Hunt Code	Date Open-		ntlerless		
,						Sex	Aillielea	less	Sex	Ailleiea	less	Sex		Hulli Code	Date Closed	Ailleieu		Sex	
bounded on the N by South Castle Creek, CR 730, Carbon Creek and Squaw Gulch; on the E by Colo 135; on S by U.S. 50; on W by Gunnison River, Antelope Creek, CR 818, CR 727 and USFS Trail															08/27/2016- 11/20/2016				

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Cond 1 ^s (S Lir 10/	son D currer Seas Separa nited (15/20	nt with son ate Elk) 16 –	Concu 2 nd (Co 10/2	on Da Irrent Seaso mbine 2/2010 30/201	with on ed)	Concu Seasor	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd pined)	Conc 4" (Co 11/:	son Da urrent Seas ombine 16/201 /20/20	with on ed) 6 –	Float Total (2015)		Other Seaso	on Date:	s		Total (2015)
			(2015)	Licen			Licer Antlered	nses (20			ses (2	015) Either		Hunt Code	Date Open-		nses (201 Intlerless		
	d	less		Antiereu	less	Sex	Antiereu	less	Sex	Antiereu	less	Sex		Hunt Code	Date Closed	Annereu	Milleriess	Sex	
													_						
56														EF056P5R	09/01/2016- 01/31/2017		70		70
57, 58														EF057P5R	09/01/2016- 01/31/2017		250		250
59, 581	El	=059F	1R 80										_						80
59, 581														EF059P5R	09/01/2016- 01/31/2017		200		200
60	El	=060F	1R							EE	060P	·R		EF060P5R	09/01/2016- 12/31/2016		50		70
			10									10							
61														EF061P5R	12/15/2016- 01/15/2017		125		125
62	El	062F	² 1R 75							EE	062P4	·R 75							150

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
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 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Cond 15 (S Lin 10)	son D current Seas Separa mited (15/20) 0/19/20	t with con ate Elk) 16 –	Concu 2 nd : (Cor 10/2	Seaso mbine 2/2016 30/201	with n d) 5 – 6	Concu Seasor 11/0 11	son Date rrent wit (Comb 05/2016 /13/2016	th 3 rd ined) –	Conc. 4 th (Co 11/1 11/	son Da urrent Seas mbine 16/201 (20/20)	with on ed) 6 – 16	Float Total (2015)		Other Seas		s nses (20:	15)	Total (2015)
							Antlered			Antlered		Either Sex		Hunt Code	Date Open- Date Closed	1 1	ntlerless		
62				EF()62P2F	₹	EF	-062P3R	2	EF	062P4	ŀR		EF062P5R	12/01/2016- 12/31/2016		60		300
02													240				00		300
63 - West of Hwy 92														EF063P5R	08/15/2016- 11/20/2016		225		225
64, 65	Е	E064P	1R 130							EE	064P4	IR 85							215
64				EF(64P2F	₹	EF	064P3R		EF	064P4	ŀR	50	EF064P5R	12/01/2016- 12/31/2016				50
65														EF065P5R	10/15/2016- 11/30/2016		425		425
68														EF068P5R	09/01/2016- 12/31/2016		15		15
69, 84														EF069P5R	09/01/2016- 01/31/2017		425		425
70	E	E070F	220							EE	070P	4R 60							280
70				EF	070P2	R	E	F070P3F	₹	EF	-070P	4R	500	EF070P5R			200		700

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Conc 1 st (S Lin 10/3	son Daurren Seas Separa Separa Sited I 15/202	t with on ite Elk) L6 –	Concu 2 nd (Co 10/2	son Da urrent Seaso mbine 22/2010 30/201	with on ed)	Concu Seasor 11/	son Dat irrent wi n (Comb 05/2016 /13/2016	ith 3 rd pined)	Conc 4 th (Co	son Da urrent Seaso ombine 16/201 /20/202	with on ed)	Float Total (2015)		Other Seas	on Date	s		Total (2015)
	+		2015) Either		ses (2		Lice: Antlered	nses (20		Licer Antlered	ses (2			Hunt Code	Date Open-		nses (201 Intleriess		
	d	less	Sex	Aillieieu		Sex	Antiereu	less	Sex	Aiitieieu	less	Sex		Hunt Code	Date Closed	Aillieieu	AIILIEI IESS	Sex	
															12/15/2016- 12/31/2016				
74 70 70	EE	071P	1R							EE	071P4	R							
71, 72, 73, 711		less Sex										30							150
72, 711														EF072P5R	09/01/2016- 09/30/2016		100		100
73 - South of Colo 184 and US 160	EE074P1R													EF073P5R	09/01/2016- 10/14/2016		75		75
74, 741	EE	074P	1R 15							EE	074P4	R 20							35

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 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Concur 1 st So (Sep Limito 10/15/	n Dates rent with eason arate ed Elk) 2016 –	Concu 2 nd (Co	on Daurrent Seaso mbine 22/2010 30/201	with on ed) 6 –	Concu Seasor 11/	son Dat rrent wi n (Comb 05/2016 /13/2016	th 3 rd pined)	Conc 4 th (Co 11/2	son Da urrent Seas ombine 16/201 /20/20	with on ed) 6 –	Float Total (2015)		Other Seas	on Date	s		Total (2015)
	License	s (2015)	Licen	ses (2	015)	Lice	1ses (20	15)	Licer	ises (2	2015)				Licer	ises (201	L5)	
,	1		Antlered		-Either Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered	Antlerless	Either Sex	
74 - all private lands in La Plata County, and 75 - all private lands west of Florida River and north of US 160, and all private lands south of US 160	Licenses (2015) Licenses (2015) Antlere Interded Antlered Antlered Iess Sex Iess												EF074P5R	09/01/2016 -01/15/2017		350		350
75, 751,		F507704D							EE	075P4	<u>1R</u> 25	-						25
77, 78, 771	EE07	7P1R 50							EE	077P4	R 25		EF077P5R	09/01/2016- 09/30/2016		40		115

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Season Concurre 1 st Se (Sepa Limite 10/15/2 10/19/	ent with ason arate d Elk) 2016 –	Conc 2 nd (Co	son Da urrent Seaso ombine 22/201/ /30/202	with on ed) 6 –	Concu Seaso	ison Da irrent w n (Com 05/2016 L/13/201	rith 3 rd bined) 6 –	Cond 4 ^{ti} (Co	son Da current Seas ombina 16/201 1/20/20	with on ed)	Float Total (2015)		Other Seaso	on Date:	S		Total (2015)
	License			ıses (2			nses (2			nses (2						ises (20:		1
4	Antlere Intl		Antlered	dAntler less	-Either Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered ^a	Antlerless	Either Sex	
79												-	EF079P5R	09/01/2016- 01/31/2017		20		20
80													EF080P5R	09/01/2016- 01/31/2017		30		30
81													EF081P5R	09/01/2016- 01/31/2017		35		35
82	EE082	2P1R 15											EE082P5R- see #257.5 - special restrictions	09/01/2016- 11/30/2016			40	55
83	EE08								Е	E083P								150
83		75	EF	1 083P2	R	E	I F083P3	R	EF	-083P	75 IR							140
03				50			75			15								140
85, 140, 851	EE08	5P1R 300										-						300
85, 140, 851													EF085P5R	10/10/2016- 11/30/2015		300		300
85, 140, 851													EF085P6R	12/01/2016- 12/31/2015		375		375

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 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1 st Season (Separate (Combined) Season (Tombined) Season (Combined) Season (Combined) Season (Combined) Season (Tombined) Season (Tombin		Seasor 11/	Concurrent with 3 rd Season (Combined) 11/05/2016 – 11/13/2016		Concurrent with 4 th Season (Combined) 11/16/2016 – 11/20/2016		Float Total (2015)		Other Season Dates				Total (2015)				
							1ses (20			ises (2						ises (201		
4	AntlereAntle d less	I	Antlered		Either Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered	Antlerless	Either Sex	
86, 691, 861													EF086P5R	09/01/2016- 01/31/2017		600		600
86, 691, 861	EE086	5P1R 55		l														55
104, 105, 106,													EF104P5R	09/01/2016- 01/31/2017		300		300
131			EF:	131P2	R	E	F131P3I	R	El	F131P	4R	200	EF131P5R	11/21/2016 -01/31/2017		200		400
161						E	F161P3I 10	R	El	F161P 10	4R							20
171						E	F171P3I 10	R	El	F171P 10	4R							20
181	EF181	.P1R	EF:	181P2	R	E	F181P3I	R	El	F181P	4R	240						240
191													EF191P5R	09/01/2016- 01/31/2017		150		150
231			EE2	231P2	R	E	E231P3	R	El	E231P	4R	75						75

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
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 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	1 st Season (Separate Limited Elk) 10/15/2016 – 10/19/2016		oncurrent with 1 st Season (Separate Limited Elk) 10/15/2016 – 10/19/2016		2 nd Season (Combined) 10/22/2016 – 10/30/2016		Concu Seasor	Season Dates Concurrent with 3 rd Season (Combined) 11/05/2016 – 11/13/2016		Concurrent with		Float Total (2015)						Total (2015)	
			2015)	Licens				ıses (20			ses (2						rses (201		
	Antlere d	Antler- less	1	Antlered/		Either. Sex	Antlered	Antler- less	Either A	Antlered	Antler- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered ⁴	Antlerless	Either Sex	
371	Е	F371F	P1R	EF3	371P2	R	Е	F371P3F	₹	EF	-371P	4R	165						165
371	E	I E371F I	110							E	: =371P 	4R 110							220
39- all portions within Jefferson County, 391.			110									110		EF391P5R	01/31/2017		275		275
411			Π						Г				-	EF411P5R	12/01/2016- 01/31/2017		140		140
421														EF421P5R	09/01/2016- 01/03/2017		400		400
444													-	EF444P5R	08/15/2016- 01/15/2017		300		300

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Season Dates Concurrent with 1st Season (Separate Limited Elk) 10/15/2016 - 10/19/2016 Licenses (2015) Season Dates Concurrent with 2nd Season (Combined) 10/22/2016 - 10/30/2016 Concurrent with 2nd Season Dates Concurrent with 2nd Season Combined 10/22/2016 10/30/2016 10/30/20		with n d) 5 – 6	Season Dates Concurrent with 3 rd Season (Combined) 11/05/2016 – 11/13/2016 Licenses (2015)			Season Dates Concurrent with 4 th Season (Combined) 11/16/2016 – 11/20/2016 Licenses (2015)		Float Total (2015)		Other Season Dates				Total (2015)				
							Licer Antlered			Licer Antlered				Hunt Code	Date Open- /		nses (201 Intleriess		
,	d	less	Sex	*iilieieu/	less	Sex	Antiereu	less	Sex	Aillieieu	less	Sex		Hulli Code	Date Closed	AIILIEIEU	andeniess	Sex	
461														EF461P5R	09/01/2016- 01/31/2017		50		50
471														EF471P5R	08/15/2016- 01/15/2017		10		10
481														EF481P5R	09/01/2016- 01/31/2017		90		90
500														EF500P5R	09/01/2016- -01/31/2017		20		20
501														EF501P5R	09/01/2016- 01/31/2017		30		30
511	El	E511F	1R 10																10
511														EF511P5R	09/01/2016- 01/31/2017		200		200
682, 791 – see #257.5 - special restriction														EF682P5R	08/15/2016 - 02/28/2017		150		150

- 1. Private Land Only Season Dates, Units (as described in Chapter 0 of these regulations), and Limited Licenses.
 - a. All applicants for "Private Land Only" licenses must obtain permission to hunt from at least one private landowner within the game management unit prior to applying for a license.
 - b. Private land only licenses are valid on all private land within the game management unit upon which the license holder has permission to hunt.

Unit	Conc 1 st (S Lim 10/3	son D urren Seas separa ited 15/20: /19/20	at with son ate Elk) 16 –	Concu 2 nd (Con 10/2	Season Dates concurrent with 2 nd Season (Combined) 10/22/2016 – 10/30/2016		Season Dates Concurrent with 3 rd Season (Combined) 11/05/2016 – 11/13/2016		Concurrent with		Float Total (2015)	Other Season Dates			Total (2015)				
		Licenses (2015) Licenses (2015) Licenses (2015) Licenses (2015) ntlere Antler-Either Antlered Antler-Either Antlered Antler-Either Antlered Antler-Either		1				ises (201	_										
		Antier less	Sex	Antlered	Antier- less	l .	Antlered	Antler- less	Sex	Antlered	Antier- less	Either Sex		Hunt Code	Date Open- Date Closed	Antlered	Antlerless	Either Sex	
682, 791 - see #257.5 - special restrictions														EM682P6R	08/15/2016- 02/28/2017	100			100
711													-	EF711P5R	10/15/2016- 11/20/2016		25		25
741														EF741P5R	09/01/2016 -01/15/2017		350		350
751 south of US 160														EF751P5R	12/01/2016- 01/15/2017		100		100
TOTALS	0	25	3985	0	100	75	0	125	75	0	65	1595	2175			100	13580	40	21940

#257 - RIFLE AND ASS	OCIATED METHODS ELK SEAS	ONS - ANY LAWFUL METHOD OF T	AKE PERMITTED DURING	THESE SEASONS								
D. San Luis Valley Game Damage Private Land Only Antlered Elk Seasons												
Units	Hunt Code	Date Open-Date Closed	Licenses (2016)	Total (2016)								
682, 791 - see #257.5 - special restrictions	EM682P5R	05/15/2016-07/31/2016	100	100								

E. Late Elk Seasons

1. Late Season Hunt, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Unit	Hunt Code	Data One	Date	License	s (2015)
Unit	Hunt Code	Date Open	Closed	Antlered	Antlerless
1	EF001L1R	12/01/2016	12/31/2016		10
2, 201	EF002L1R	12/01/2016	12/31/2016		25
3, 301	EF003L1R	12/01/2016	12/31/2016		300
7, 8	EF007L1R	12/03/2016	12/14/2016		40
9	EF009L1R	10/15/2016	11/30/2016		60
10	EF010L1R	12/01/2016	12/31/2016		175
11	EF011L1R	12/01/2016	12/31/2016		100
13	EF013L1R	12/01/2016	12/31/2016		100
18	EF018L1R	11/26/2016	12/04/2016		90
19	EF019L1R	12/03/2016	12/14/2016		40
20	EM020L1R	11/26/2016	12/07/2016	60	
20	EF020L1R	11/26/2016	12/07/2016		30
20	EM020L2R	01/07/2017	01/18/2017	60	
20 - Those portions bounded on the north by the Little Thompson River; on the east by US 287, on the south by Colo 66 (Ute Hwy) and US 36; and on the west by Boulder CR 71N (Blue Mountain Road), Larimer CR 37E, Lonestar Rd, then Stagecoach Trail N at the intersection of Lonestar Rd and Stagecoach Trail.	EF020L3R	08/15/2016	01/31/2017		100
22	EF022L1R	12/01/2016	12/31/2016		100
26	EF026L1R	12/01/2016	01/15/2017		60
27	EF027L1R	11/26/2016	12/04/2016		80
28, 37	EF028L1R	11/26/2016	12/04/2016		220
30	EF030L1R	12/15/2016	01/15/2017		
31	EF031L1R	12/15/2016	01/15/2017		300
35, 36	EF035L1R	11/26/2016	12/04/2016		150
•		12/15/2016	01/15/2017		
38 Jefferson County ONLY	EF038L1R	12/01/2016	01/31/2017		75
50	EF050L1R	12/31/2016	01/08/2017		75
61	EF061L1R	12/03/2016	12/11/2016		50
68	EF068L1R	12/01/2016	12/31/2016		100
70	EF070L1R	12/03/2016	12/11/2016		
79	EF079L1R	12/01/2016	12/31/2016		5
80	EF080L1R	12/01/2016	12/31/2016		5
81	EF081L1R	12/01/2016	12/31/2016		5
85, 140, 851, except the Bosque del Oso State Wildlife Area	EF085L1R	01/01/2017	01/31/2017		175
128	EF128L1R	09/01/2016	01/31/2017		500
133, 134, 141	EF133L1R	10/15/2016	01/31/2017		45

1.	Late Season Hunt, Dates, Units (as described in Chapter 0 of these regulations),
	Limited Licenses.

Unit	Hunt Code	Data Open	Date	Licenses	(2015)
Onit	Hunt Code	Date Open	Closed	Antlered	Antlerless
142	EF142L1R	10/15/2016	01/31/2017		25
181	EF181L1R	11/26/2016	12/04/2016		60
191	EF191L1R	12/03/2016	12/14/2016		40
211	EF211L1R	12/01/2016	12/31/2016		50
361	EF361L1R	11/26/2016	12/04/2016		50
371	EF371L1R	11/26/2016	12/04/2016		110
500	EF500L1R	12/31/2016	01/08/2017		60
501	EF501L1R	12/31/2016	01/08/2017		30
512 See special restrictions	EF512L1R	10/01/2016	01/31/2017		30
591	EF591L1R	10/01/2016	01/31/2017		25
681	EF681L1R	12/01/2016	12/31/2016		50
851 - Bosque del Oso SWA ONLY	EF851L1R	11/26/2016	12/04/2016		20
851 - Bosque del Oso SWA ONLY	EF851L2R	12/10/2016	12/18/2016		20
851 - Bosque del Oso SWA ONLY	EF851L3R	12/24/2016	01/01/2017		25
TOTALS				120	3730

#257.5 - SPECIAL RESTRICTIONS

A. Unit 512 - Air Force Academy

Hunters must apply in person, no later than May 31 annually to participate in a random drawing to be placed on a priority list of hunters. Applications along with a non-refundable application fee not to exceed \$10.00 will be accepted at the Academy's Outdoor Recreation Center, Building 5136 - Community Center Drive, AFA, Colorado Springs.

The first 15 hunters drawn will be placed on the list and will be notified of their placement by June 15 annually. When elk are available to be hunted, up to 4 hunters will be called. After obtaining a license, paying a fee not to exceed \$30.00 to the Academy and receiving a safety briefing, hunters will be escorted on the hunt. Hunters may decline one opportunity to hunt and hold their place on the list. Hunts will continue when possible until (30) antlerless elk have been taken.

B. Units 82, 682 and 791 – San Luis Valley Damage Elk Hunts

- The purpose of these hunts is to provide flexibility in managing damage by elk and maintain landowners' rights to determine who may enter their property. Most license vouchers may be issued to friends and family of the landowner. Opportunities for non-associated public hunters may exist and will be selected from a list of interested hunters.
- License vouchers may be transferred one time only, and shall only be transferred by the landowner to the hunter that will use the voucher to purchase the license. Third-party brokering of landowner vouchers is not permitted. Violation of this subsection shall invalidate the applicable landowner voucher and any license purchased with it.
- 3. Public hunters must apply no later than July 15 annually, to participate in a random drawing to be placed on a priority list of hunters. Applications will be accepted at the Monte Vista Service Center at 0722 S Rd. 1 E, Monte Vista.

- 4. Hunters drawn will be placed on the list and the top 10 hunters on the list will be notified of their placement no later than August 15 annually. When elk are available to be hunted, up to 4 hunters will be called. Hunters may decline one opportunity to hunt and hold their place on the list. Hunts will be conducted on an as-needed basis to alleviate game damage.
- C. Units 80, 82, and 83 San Luis Valley US Fish and Wildlife Refuge Permits
 - 1. Starting in 2016, the United States Fish and Wildlife Service (USFWS) will allow a limited number of elk hunters access to hunt on the Alamosa, Baca, and Monte Vista National Wildlife Refuges. To be eligible for an access permit, hunters must hold one of the following elk licenses in either GMU 80, 82, or 83:
 - a. Either-sex archery;
 - b. Antlered muzzleloader;
 - c. Antlered or either-sex first rifle;
 - d. Antlered or either-sex fourth rifle;
 - e. Any limited antlerless license.
 - 2. To be entered into the drawing for the 2016 hunting seasons, eligible hunters must email the following address starting the day after left-over license day:

montevista.wildlife@state.co.us. Emailed entries will only be accepted for five days after left-over license day. Permits for these three refuges will then be issued at the Monte Vista Service Center via a random drawing on August 17, 2016, held under the direct supervision of the area wildlife manager.

ARTICLE X - PRONGHORN

- #261 ARCHERY PRONGHORN SEASONS ONLY LAWFUL HAND HELD BOWS MAY BE USED TO HUNT OR TAKE PRONGHORN DURING THE FOLLOWING SEASONS:
- A. Regular Archery Pronghorn Seasons

Archery Season licenses.	Dates, Units	(as describe	d in Chapter	0 of these re	egulations), l	imited
			Date	License T	ypes and N (2015)	umbers
Unit	Hunt Code	Date Open	Closed	Unlimited Buck or Either Sex	Limited Buck Only	Limited Doe Only
1, 7, 8, 9, 14, 15, 19, 20, 22, 23, 24, 25, 26, 29, 31, 32, 33, 34, 35, 36, 38, 39, 40, 42, 43, 44, 45, 46, 47, 48, 51, 52, 53, 54, 55, 56, 59, 60, 61, 63, 64, 65, 69, 71, 72, 73, 74, 75, 76, 77, 78, 84, 85, 86, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 104, 105, 106, 107, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 191, 231, 361, 371, 421, 444, 461, 471, 481, 511, 521, 561, 591, 691, 711, 741, 751, 771, 851 except Bosque del Oso SWA, 861, 951	AE000U1A	08/15/201 6 and 09/01/2016	08/31/2016 and 09/20/2016	Unlimited Buck and Either Sex		
3, 301	AM003O1A	08/15/2016	09/20/2016		110	
3, 301	AF003O1A	09/01/2016	09/20/2016			25
4, 5	AM004O1A	08/15/2016	09/20/2016		40	
4, 5	AF004O1A	09/01/2016	09/20/2016			10
6, 16, 17, 161, 171	AM006O1A	08/15/2016	09/20/2016		70	
6, 16, 17, 161, 171	AF006O1A	09/01/2016	09/20/2016			20
11	AM01101A	08/15/2016	09/20/2016		15	
11	AF011O1A	09/01/2016	09/20/2016			10
12, 211	AM012O1A	08/15/2016	09/20/2016		5	
12, 211	AF012O1A	09/01/2016	09/20/2016			5
13	AM013O1A	08/15/2016	09/20/2016		35	
13	AF013O1A		09/20/2016			10
18, 27, 28, 37, 181	AM018O1A		09/20/2016		20	
18, 27, 28, 37, 181	AF018O1A	 	09/20/2016			10
49, 50, 500, 501		08/15/2016			30	
49, 50, 500, 501	AF049O1A		09/20/2016			10
57, 58, 581	AM057O1A	08/15/2016			25	
57, 58, 581	AF057O1A	09/01/2016				10
66	AM066O1A	08/15/2016			1	
67	AM067O1A		09/20/2016		10	
68, 681 - West of Co Rd 46AA and west of the divide between the Saguache Creek drainage and Kerber Creek drainage, 682	AM068O1A				5	

Archery Season Dates, Units (as described in Chapter 0 of these regulations), Limited licenses.											
			Dete	License T	ypes and N (2015)	umbers					
Unit	Hunt Code	Date Open	Date Closed	Unlimited Buck or Either Sex	Limited Buck Only	Limited Doe Only					
79, 791	AM079O1A	08/15/2016	09/20/2016		5						
80	AM080O1A	08/15/2016	09/20/2016		5						
81	AM08101A	08/15/2016	09/20/2016		6						
82, 681 - East of Co Rd 46AA and east of the divide between the Saguache Creek drainage and Kerber Creek drainage	AM082O1A	08/15/2016	09/20/2016		20						
82, 681 - East of Co Rd 46AA and east of the divide between the Saguache Creek drainage and Kerber Creek drainage	AF082O1A	09/01/2016	09/20/2016			10					
87	AM087O1A	08/15/2016	09/20/2016		55						
87	AF087O1A	09/01/2016	09/20/2016			20					
88	AM088O1A	08/15/2016	09/20/2016		45						
88	AF088O1A	09/01/2016	09/20/2016			20					
131	AM13101A	08/15/2016	09/20/2016		5						
131	AF13101A	09/01/2016	09/20/2016			5					
201, 2	AM201O1A	08/15/2016	09/20/2016		5						
201	AF201O1A	09/01/2016				5					
214, 441	AM214O1A	08/15/2016	09/20/2016		10						
214, 441	AF214O1A	09/01/2016	09/20/2016			10					
551	AM551O1A	08/15/2016	09/20/2016		2						
			TOTALS		524	180					

B. Private Land Only Pronghorn Season

1. Archery - Pronghorn, Dates, Units (as described in Chapter 0 of these regulations), Limited Licenses.

Unit	Hunt	Date	Date	License Types and Numbers (2015)					
Onit	Code	Open	Closed	Buck	Doe	Either Sex			
83	AM083P1A	08/15/2016	09/20/2016	5					
			TOTALS	5					

#261.5 - MUZZLE-LOADING FIREARMS (RIFLE AND SMOOTHBORE MUSKET) PRONGHORN SEASON - ONLY LAWFUL MUZZLE-LOADING FIREARMS MAY BE USED DURING THIS FOLLOWING SEASON:

A. Regular Seasons

1. Muzzle-loading, Pronghorn, Dates, Units (as described in Chapter 0 of these regulations), and Licenses.

Unit(s)	Hunt Code	Date Open	Date Closed	Licenses Types (201	
				Buck	Doe
1, 2, 201	AM001O1M	09/21/2016	09/29/2016	5	
1, 201	AF001O1M	09/21/2016	09/29/2016		5
3, 4, 5, 13, 131, 214, 301, 441	AM003O1M	09/21/2016	09/29/2016	15	
3, 4, 5, 13, 131, 214, 301, 441	AF003O1M	09/21/2016	09/29/2016		10
6, 16, 17, 161, 171	AM006O1M	09/21/2016	09/29/2016	20	
6, 16, 17, 161, 171	AF006O1M	09/21/2016	09/29/2016		10
7, 8	AM007O1M	09/21/2016	09/29/2016	10	
7, 8	AF007O1M	09/21/2016	09/29/2016		5
9, 191	AM009O1M	09/21/2016	09/29/2016	10	
9, 191	AF009O1M	09/21/2016	09/29/2016		5
11	AM01101M		09/29/2016	10	
11	AF011O1M		09/29/2016		10
12, 211	AM012O1M		09/29/2016	5	
12, 211	AF012O1M		09/29/2016		5
18, 27, 28, 37, 181	AM018O1M		09/29/2016	25	
18, 27, 28, 37, 181	AF018O1M		09/29/2016		20
48, 56, 481	AM048O1M		09/29/2016	10	
48, 56, 481	AF048O1M		09/29/2016		5
50, 57, 58, 501, 581	AM050O1M		09/29/2016	10	•
50, 57, 58, 501, 581	AF050O1M		09/29/2016	10	5
59, 591	AM059O1M		09/29/2016	5	J
59, 591	AF059O1M		09/29/2016	J	5
66	AM066O1M		09/29/2016	1	J
67	AM067O1M	09/21/2016		5	
68, 79, 80, 81, 82, 83, 681, 682, 791	AM068O1M		09/29/2016	10	
69, 84, 85, 86, 691, 861	AM069O1M	09/21/2016	09/29/2016	70	
69, 84, 85, 86, 691, 861	AF069O1M		09/29/2016		80
87, 88, 89, 90, 95, 951	AM087O1M		09/29/2016	30	
87, 88, 89, 90, 95, 951	AF087O1M		09/29/2016		30
93, 97, 98, 101, 102	AM093O1M		09/29/2016	10	00
99, 100	AM09901M		09/29/2016	10	
99, 100	AF09901M		09/29/2016	10	10
104, 105	AM104O1M		09/29/2016	40	10
104, 105	AF104O1M		09/29/2016	40	60
106, 107, 109	AM106O1M	09/21/2016		30	00
106, 107, 109	AF106O1M	09/21/2016		30	30
110, 111, 118, 119, 123, 124	AM11001M	09/21/2016	09/29/2016	100	30
110, 111, 118, 119, 123, 124	AF110O1M	09/21/2016	09/29/2016		100
112, 113, 114, 115	AM112O1M	09/21/2016	09/29/2016	60	
112, 113, 114, 115	AF112O1M	09/21/2016		-	40
116, 117, 122, 127	AM116O1M	09/21/2016		50	-
116, 117, 122, 127	AF116O1M	09/21/2016			50

Unit(s)	Hunt Code	Date Open	Date Closed	Licenses Types and Number (2015)	
		O P O	0.000	Buck	Doe
120, 121, 125, 126	AM120O1M	09/21/2016	09/29/2016	50	
120, 121, 125, 126	AF120O1M	09/21/2016	09/29/2016		50
128, 129, 133, 134, 135, 140, 141, 142, 147	AM128O1M	09/21/2016	09/29/2016	70	
128, 129, 133, 134, 135, 140, 141, 142, 147	AF128O1M	09/21/2016	09/29/2016		40
130, 136, 137, 138, 143, 144, 146	AM130O1M	09/21/2016	09/29/2016	50	
130, 136, 137, 138, 143, 144, 146	AF130O1M	09/21/2016	09/29/2016		50
132, 139, 145	AM132O1M	09/21/2016	09/29/2016	20	
132, 139, 145	AF132O1M	09/21/2016	09/29/2016		20
551	AM551O1M	09/21/2016	09/29/2016	2	
			TOTALS	733	645

#262 - RIFLE AND ASSOCIATED METHODS PRONGHORN SEASONS

A. Regular Rifle Pronghorn Seasons

1. Regular Rifle Season Dates, Units (as described in Chapter 0 of these regulations), Licenses.

Licens		1	Date	License Type and	1 #'s (2015)
Unit(s)	Hunt Code	Date Open	Closed	Buck	Doe
3, 301	AM003O1R	10/01/2016		255	
3, 301	AF003O1R				70
4, 5	AM004O1R			80	
4, 5	AF004O1R				55
6	AM006O1R			15	
6	AF006O1R				10
7	AM007O1R			10	
7	AF007O1R				5
8	AM008O1R			10	
8	AF008O1R				5
11	AM01101R			60	
11	AF01101R				80
12, 211	AM012O1R			15	
12, 211	AF012O1R				10
13	AM013O1R			30	
13	AF013O1R				25
16, 17, 171	AM016O1R	10/01/2016	10/07/2016	35	
16, 17, 171	AF016O1R				10
18, 27, 28, 37, 181	AM018O1R			75	
18, 27, 28, 37, 181		10/01/2016			80
48, 56, 481	AM048O1R				
48, 56, 481	AF048O1R	10/01/2016	10/07/2016		
50, 501	AM050O1R	10/01/2016	10/07/2016	20	
50, 501	AF050O1R	10/01/2016	10/07/2016		5
57, 58, 581	AM057O1R	10/01/2016	10/07/2016	30	
57, 58, 581	AF057O1R	10/01/2016	10/07/2016		10
59, 591	AM059O1R	10/01/2016	10/07/2016	10	
59, 591	AF059O1R	10/01/2016	10/07/2016		5
66	AM066O1R	10/01/2016	10/07/2016	2	
67	AM067O1R	10/01/2016	10/07/2016	20	
68, 681 - West of Co Rd 46AA and west of the divide between the Saguache Creek drainage and Kerber Creek drainage, 682	AM068O1R	10/01/2016	10/07/2016	10	
69, 84, 85, 86, 691, 861	AM069O1R	10/01/2016	10/07/2016	165	
69, 84, 85, 86, 691, 861	AF069O1R	10/01/2016			325
79, 791	AM079O1R	10/01/2016		20	
80	AM080O1R		10/07/2016	10	
81	AM08101R	10/01/2016	10/07/2016	25	

Note	
Co Rd 46AA and east of the divide between the Saguache Creek drainage and Kerber Creek drainage 82, 681 - East of Co Rd 46AA and east of the divide between the Saguache Creek drainage 82, 681 - Creek drainage 84 - AF08201R	
Co Rd 46AA and east of the divide between the Saguache Creek drainage and Kerber Creek drainage 10/01/2016 10/07/2016 30 87 AM08701R 10/01/2016 10/07/2016 330 87 AF08701R 10/01/2016 10/07/2016 330 88 AM08801R 10/01/2016 10/07/2016 90 88 AF08801R 10/01/2016 10/07/2016 90 89 AM08901R 10/01/2016 10/07/2016 75 89 AF08901R 10/01/2016 10/07/2016 80 90 AM09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
87 AF08701R 10/01/2016 10/07/2016 130 88 AM08801R 10/01/2016 10/07/2016 90 88 AF08801R 10/01/2016 10/07/2016 85 89 AM08901R 10/01/2016 10/07/2016 75 89 AF08901R 10/01/2016 10/07/2016 80 90 AM09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
88 AM088O1R 10/01/2016 10/07/2016 90 88 AF088O1R 10/01/2016 10/07/2016 85 89 AM089O1R 10/01/2016 10/07/2016 75 89 AF089O1R 10/01/2016 10/07/2016 80 90 AM090O1R 10/01/2016 10/07/2016 15 90 AF090O1R 10/01/2016 10/07/2016 10 93 AM093O1R 10/01/2016 10/07/2016 10	
88 AF08801R 10/01/2016 10/07/2016 85 89 AM08901R 10/01/2016 10/07/2016 75 89 AF08901R 10/01/2016 10/07/2016 80 90 AM09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
89 AM08901R 10/01/2016 10/07/2016 75 89 AF08901R 10/01/2016 10/07/2016 80 90 AM09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
89 AF08901R 10/01/2016 10/07/2016 80 90 AM09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
90 AM09001R 10/01/2016 10/07/2016 15 90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
90 AF09001R 10/01/2016 10/07/2016 10 93 AM09301R 10/01/2016 10/07/2016 10	
93 AM093O1R 10/01/2016 10/07/2016 10	
95 AM095O1R 10/01/2016 10/07/2016 40	
1	
95 AF095O1R 10/01/2016 10/07/2016 40	
97 AM09701R 10/01/2016 10/07/2016 15	
98 AM09801R 10/01/2016 10/07/2016 10	
99 AM099O1R 10/01/2016 10/07/2016 100	
99 AF099O1R 10/01/2016 10/07/2016 80	
100 AM100O1R 10/01/2016 10/07/2016 40	
100 AF100O1R 10/01/2016 10/07/2016 30	
101 AM101O1R 10/01/2016 10/07/2016 10	
102 AM102O1R 10/01/2016 10/07/2016 15	
104 AM104O1R 10/01/2016 10/07/2016 75	
104 AF104O1R 10/01/2016 10/07/2016 100	
105 AM105O1R 10/01/2016 10/07/2016 300	
105 AF105O1R 10/01/2016 10/07/2016 360	
106 AM106O1R 10/01/2016 10/07/2016 175	
106 AF106O1R 10/01/2016 10/07/2016 150	
107 AM107O1R 10/01/2016 10/07/2016 100	
107 AF107O1R 10/01/2016 10/07/2016 50	
109 AM109O1R 10/01/2016 10/07/2016 20	
109 AF109O1R 10/01/2016 10/07/2016 20	
110 AM110O1R 10/01/2016 10/07/2016 80	
110 AF110O1R 10/01/2016 10/07/2016 80	
111 AM11101R 10/01/2016 10/07/2016 125	
111 AF111O1R 10/01/2016 10/07/2016 100	
112, 113, 114, 115 AM112O1R 10/01/2016 10/07/2016 400	
112, 113, 114, 115 AF112O1R 10/01/2016 10/07/2016 400	
116, 117, 122, 127 AM116O1R 10/01/2016 10/07/2016 400	

Linit(c)	Hunt Code	Data Onan	Date	License Type and	l #'s (2015)
Unit(s)		-	Ciosea	Buck	Doe
116, 117, 122, 127	AF116O1R				450
118	AM118O1R			210	
118	AF118O1R	10/01/2016	10/07/2016		170
119	AM11901R	10/01/2016	10/07/2016	245	
119	AF11901R	10/01/2016	10/07/2016		190
120, 121, 125, 126	AM120O1R	10/01/2016	10/07/2016	450	
120, 121, 125, 126	AF120O1R	10/01/2016	10/07/2016		350
123	AM123O1R	10/01/2016	10/07/2016	100	
123	AF123O1R	10/01/2016	10/07/2016		80
124	AM124O1R	10/01/2016	10/07/2016	220	
124	AF124O1R	10/01/2016	10/07/2016		160
128	AM128O1R	10/01/2016	10/07/2016	105	
128	AF128O1R	10/01/2016	10/07/2016		135
130, 146	AM130O1R			20	
130, 146	AF130O1R				25
132, 139, 145	AM132O1R			200	
132, 139, 145	AF132O1R				400
133	AM133O1R			90	
133	AF133O1R				135
134	AM134O1R			90	
134	AF134O1R				135
135	AM135O1R			90	
135	AF135O1R				100
136, 143	AM136O1R			100	
136, 143	AF136O1R				80
137, 138, 144	AM137O1R			150	
137, 138, 144	AF137O1R				200
140, 147	AM140O1R			90	
140, 147	AF140O1R				135
142	AM142O1R			20	
142	AF142O1R				10
161	AM16101R			18	
161	AF16101R				10
201, 2	AM20101R			40	
201		10/08/2016			25
214, 441	AM214O1R			15	
214, 441	AF214O1R				10
551	AM55101R			2	
951	AM95101R			40	
951	AF95101R				40
TOTALS				5727	5285

B. Late Rifle Pronghorn Seasons

1. Late Rifle Season Dates, Units (as described in Chapter 0 of these regulations), Licenses.

Linit(c)	Hunt Code	le Date Open Date Licenses (2		2015)	
Unit(s)	Hunt Code	Date Open	Closed	Buck	Doe
9, 191	AF009L1R	11/01/2016	12/31/2016		70
97	AF097L1R	12/01/2016	12/31/2016		10
105	AF105L1R	12/01/2016	12/31/2016		90
110, 111, 118, 119, 123, 124	AF110L1R	12/03/2016	12/11/2016		500
112, 113, 114, 115	AF112L1R	12/03/2016	12/11/2016		100
116, 117, 122, 127	AF116L1R		12/31/2016		500
120, 121, 125, 126	AF120L1R	12/03/2016	12/11/2016		150
130, 146	AF130L1R	12/01/2016	12/31/2016		25
136, 143	AF136L1R	12/01/2016	12/31/2016		200
137, 138, 144	AF137L1R	12/01/2016	12/31/2016		400
TOTALS					2045

C. Private Land Only Pronghorn Seasons

1. Private Land Only, Pronghorn, Dates, Units (as described in Chapter 0 of these regulations), Licenses.

Unit	Lunt Code		Date	Licenses	s (2015)
Unit	Hunt Code	Date Open	Closed	Male	Female
3, 301	AM003P5R	10/01/2016	10/16/2016	340	
3, 301	AF003P5R	10/01/2016	10/16/2016		190
4, 5	AM004P5R	10/01/2016	10/16/2016	35	
4, 5	AF004P5R	10/01/2016	10/16/2016		70
7	AM007P1R	10/01/2016	10/07/2016	10	
7	AF007P1R	10/01/2016	10/07/2016		15
8	AM008P1R	10/01/2016	10/07/2016	15	
8	AF008P1R	10/01/2016	10/07/2016		15
9, 191	AM009P1R	10/01/2016	10/07/2016	70	
9, 191	AF009P1R	10/01/2016	10/07/2016		70
13	AM013P5R	10/01/2016	10/16/2016	40	
13	AF013P5R	10/01/2016	10/16/2016		60
23	AM023P5R	10/01/2016	10/16/2016	25	
23	AF023P5R	10/01/2016	10/16/2016		35
79 - East of Rio	AF079P5R	08/15/2016	12/31/2016		20
Grande Canal, 791	AFU/9POR	06/15/2010	12/31/2010		20
80	AM080P1R	10/01/2016	10/07/2016		
82, 681 - East of					
Co Rd 46AA and					
east of the divide					
between the	AF082P5R	09/14/2016	09/28/2016		25
Saguache Creek	AI 0021 310	03/14/2010	03/20/2010		25
drainage and					
Kerber Creek					
drainage					
83	AM083P1R	10/01/2016	10/07/2016	6	
87	AF087P1R	10/01/2016	10/07/2016		70
87	AF087P5R	11/01/2016	12/31/2016		190

Unit	Hunt Code	Data Open	Date	Licenses	s (2015)
Offic	Hunt Code	Date Open	Closed	Male	Female
88	AF088P1R	10/01/2016	10/07/2016		50
88	AF088P5R	11/01/2016	12/31/2016		60
128, 129, 133, 134, 135, 140,	AF128P5R	12/01/2016	12/05/2016		200
134, 135, 140, 141, 147	AFIZOPSR	12/01/2010	12/05/2010		200
129	AM129P1R	10/01/2016	10/07/2016	30	
129	AF129P1R	10/01/2016	10/07/2016		30
130, 146	AM130P1R	10/01/2016	10/07/2016	90	
130, 146	AF130P1R	10/01/2016	10/07/2016		75
130, 146	AF130P5R	12/01/2016	12/31/2016		75
131	AM131P1R	10/01/2016	10/07/2016	5	
131	AF131P1R	10/01/2016	10/07/2016		5
132, 139, 145	AF132P5R	12/01/2016	12/31/2016		400
136, 143	AM136P1R	10/01/2016	10/07/2016	170	
136, 143	AF136P1R	10/01/2016	10/07/2016		140
137, 138, 144	AM137P1R	10/01/2016	10/07/2016	210	
137, 138, 144	AF137P1R	10/01/2016	10/07/2016		170
141	AM141P1R	10/01/2016	10/07/2016	55	
141	AF141P1R	10/01/2016	10/07/2016		45
214, 441	AM214P5R	10/01/2016	10/16/2016	25	
214, 441	AF214P5R	10/01/2016	10/16/2016		25
			TOTALS	1126	2035

#263 - 269 VACANT

ARTICLE XI - MOOSE

#270 - MOOSE SEASONS, LICENSES, AND SPECIAL RESTRICTIONS

A. Archery Moose Season

1. Archery Season Dates, Units, and Limited Licenses

Unit(s)	Hunt Code	Open Date	Close Date
1, 201	ME001O1A	09/10/2016	09/25/2016
6 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MM006O1A	09/10/2016	09/25/2016
6 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MF006O1A	09/10/2016	09/25/2016
7, 8, 191 except within 1/4 mile of Hwy 14	MM007O1A	09/10/2016	09/25/2016
7, 8, 191 except within 1/4 mile of Hwy 14	MF007O1A	09/10/2016	09/25/2016
12, 23, 24	MM012O1A	09/10/2016	09/25/2016
12, 23, 24	MF012O1A	09/10/2016	09/25/2016
14	MM014O1A	09/10/2016	09/25/2016
14	MF014O1A	09/10/2016	09/25/2016
15, 27	MM015O1A	09/10/2016	09/25/2016
15, 27	MF015O1A	09/10/2016	09/25/2016
16	MM016O1A	09/10/2016	09/25/2016
16	MF016O1A	09/10/2016	09/25/2016
17	MM017O1A	09/10/2016	09/25/2016

157

Unit(s)	Hunt Code	Open Date	Close Date
17	MF017O1A	09/10/2016	09/25/2016
18, 181	MM018O1A	09/10/2016	09/25/2016
18, 181	MF018O1A	09/10/2016	09/25/2016
18 - Those portions bounded on the north by the Continental Divide; on the east by the divide between Willow Creek and East Fork of Troublesome drainages and the divide	MM040C4 A	00/10/2016	00/25/2016
between Corral Creek and Troublesome Creek drainages; on the south by Round Gulch; and on the west by the main fork of Troublesome Creek and Sheep Creek	MM018S1A	09/10/2016	09/25/2016
19 except within 1/4 mile of Hwy 14	MM019O1A	09/10/2016	09/25/2016
19 except within 1/4 mile of Hwy 14	MF019O1A	09/10/2016	09/25/2016
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	MM020O1A	09/10/2016	09/25/2016
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	MF020O1A	09/10/2016	09/25/2016
28	MM028O1A	09/10/2016	09/25/2016
28	MF028O1A	09/10/2016	09/25/2016
36, 361	MM036O1A	09/10/2016	09/25/2016
37, 371	MM037O1A	09/10/2016	09/25/2016
37, 371	MF037O1A	09/10/2016	09/25/2016
38	MM038O1A	09/10/2016	09/25/2016
38	MF038O1A	09/10/2016	09/25/2016
39, 46	MM039O1A	09/10/2016	09/25/2016
39, 46	MF039O1A	09/10/2016	09/25/2016
41, 42, 52, 411, 421, 521	MM04101A	09/10/2016	09/25/2016
41, 42, 421	MF041O1A	09/10/2016	09/25/2016
43	MM043O1A	09/10/2016	09/25/2016
44, 45	MM044O1A	09/10/2016	09/25/2016
48, 55, 56, 481, 551, 561	MM048O1A	09/10/2016	09/25/2016
49, 50, 500, 501	MM049O1A	09/10/2016	09/25/2016
49, 50, 500, 501	MF049O1A	09/10/2016	09/25/2016
52, 411, 521	MF052O1A	09/10/2016	09/25/2016
65	MM065O1A	09/10/2016	09/25/2016
66	MM066O1A	09/10/2016	09/25/2016
66	MF066O1A	09/10/2016	09/25/2016
67	MM067O1A	09/10/2016	09/25/2016
67	MF067O1A	09/10/2016	09/25/2016
68, 79, 681	MM068O1A	09/10/2016	09/25/2016

Unit(s)	Hunt Code	Open Date	Close Date
74, 75	MM074O1A	09/10/2016	09/25/2016
76	MM076O1A	09/10/2016	09/25/2016
76, 77, 751 Weminuche Wilderness Only	MM076S1A	09/10/2016	09/25/2016
161	MM161O1A	09/10/2016	09/25/2016
161	MF161O1A	09/10/2016	09/25/2016
171 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MM171O1A	09/10/2016	09/25/2016
171 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MF171O1A	09/10/2016	09/25/2016
191 except within 1/4 mile of Hwy 14	MF191O1A	09/10/2016	09/25/2016

B. Muzzle-loading firearms (rifle and smoothbore musket) seasons.

1. Muzzle-loading, Moose, Dates, Units, Licenses

Unit	Hunt Code	Open Date	Close Date
1, 201	ME001O1M	09/10/2016	09/18/2016
6 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MM006O1M	09/10/2016	09/18/2016
6 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MF006O1M	09/10/2016	09/18/2016
7, 8, 191 except within 1/4 mile of Hwy 14	MM007O1M	09/10/2016	09/18/2016
7, 8, 191 except within 1/4 mile of Hwy 14	MF007O1M	09/10/2016	09/18/2016
12, 23, 24	MM012O1M	09/10/2016	09/18/2016
12, 23, 24	MF012O1M	09/10/2016	09/18/2016
14	MM014O1M	09/10/2016	09/18/2016
14	MF014O1M	09/10/2016	09/18/2016
15, 27	MM015O1M	09/10/2016	09/18/2016
15, 27	MF015O1M	09/10/2016	09/18/2016
16	MM016O1M	09/10/2016	09/18/2016
16	MF016O1M	09/10/2016	09/18/2016
17	MM017O1M	09/10/2016	09/18/2016
17	MF017O1M	09/10/2016	09/18/2016
18, 181	MM018O1M	09/10/2016	09/18/2016
18, 181	MF018O1M	09/10/2016	09/18/2016
18 - Those portions bounded on the north by the Continental Divide; on the east by the divide between Willow Creek and East Fork of Troublesome drainages and the divide between Corral Creek and Troublesome Creek drainages; on the south by Round Gulch; and on the west by the main fork of Troublesome Creek and Sheep Creek	MM018S1M	09/10/2016	09/18/2016
19 except within 1/4 mile of Hwy 14	MM019O1M	09/10/2016	09/18/2016
19 except within 1/4 mile of Hwy 14	MF019O1M	09/10/2016	09/18/2016

Unit	Hunt Code	Open Date	Close Date
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	MM020O1M	09/10/2016	09/18/2016
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	MF020O1M	09/10/2016	09/18/2016
28	MM028O1M	09/10/2016	09/18/2016
28	MF028O1M	09/10/2016	09/18/2016
36, 361	MM036O1M	09/10/2016	09/18/2016
37, 371	MM037O1M	09/10/2016	09/18/2016
37, 371	MF037O1M	09/10/2016	09/18/2016
38	MM038O1M	09/10/2016	09/18/2016
38	MF038O1M	09/10/2016	09/18/2016
39, 46	MM039O1M	09/10/2016	09/18/2016
39, 46	MF039O1M	09/10/2016	09/18/2016
41, 42, 52, 411, 421, 521	MM041O1M	09/10/2016	09/18/2016
41, 42, 421	MF041O1M	09/10/2016	09/18/2016
43	MM043O1M	09/10/2016	09/18/2016
44, 45	MM044O1M	09/10/2016	09/18/2016
48, 55, 56, 481, 551, 561	MM048O1M	09/10/2016	09/18/2016
49, 50, 500, 501	MM049O1M	09/10/2016	09/18/2016
49, 50, 500, 501	MF049O1M	09/10/2016	09/18/2016
52, 411, 521	MF052O1M	09/10/2016	09/18/2016
65	MM065O1M	09/10/2016	09/18/2016
66	MM066O1M	09/10/2016	09/18/2016
66	MF066O1M	09/10/2016	09/18/2016
67	MM067O1M	09/10/2016	09/18/2016
67	MF067O1M	09/10/2016	09/18/2016
68, 79, 681	MM068O1M	09/10/2016	09/18/2016
74, 75	MM074O1M	09/10/2016	09/18/2016
76	MM076O1M	09/10/2016	09/18/2016
76, 77, 751 Weminuche Wilderness Only	MM076S1M	09/10/2016	09/18/2016
161	MM161O1M	09/10/2016	09/18/2016
161	MF161O1M	09/10/2016	09/18/2016
171 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MM171O1M	09/10/2016	09/18/2016
171 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MF171O1M	09/10/2016	09/18/2016
191 except within 1/4 mile of Hwy 14	MF191O1M	09/10/2016	09/18/2016

B. Regular Rifle Seasons

Unit	Hunt Code	Open Date	Close Date
1, 201	ME00101R	10/01/2016	10/14/2016

160

Unit	Hunt Code	Open Date	Close Date
6 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MM006O1R	10/01/2016	10/14/2016
6 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MF006O1R	10/01/2016	10/14/2016
7, 8, 191 except within 1/4 mile of Hwy 14	MM007O1R	10/01/2016	10/14/2016
7, 8, 191 except within 1/4 mile of Hwy 14	MF007O1R	10/01/2016	10/14/2016
12, 23, 24	MM012O1R	10/01/2016	10/14/2016
12, 23, 24	MF012O1R	10/01/2016	10/14/2016
14	MM014O1R	10/01/2016	10/14/2016
14	MF014O1R	10/01/2016	10/14/2016
15, 27	MM015O1R	10/01/2016	10/14/2016
15, 27	MF015O1R	10/01/2016	10/14/2016
16	MM016O1R	10/01/2016	10/14/2016
16	MF016O1R	10/01/2016	10/14/2016
17	MM017O1R	10/01/2016	10/14/2016
17	MF017O1R	10/01/2016	10/14/2016
18, 181	MM018O1R	10/01/2016	10/14/2016
18, 181	MF018O1R	10/01/2016	10/14/2016
18 - Those portions bounded on the north by the Continental Divide; on the east by the divide between Willow Creek and East Fork of Troublesome drainages and the divide between Corral Creek and Troublesome Creek drainages; on the south by Round Gulch; and on the west by the main fork of Troublesome Creek and Sheep Creek	MM018S1R	10/01/2016	10/14/2016
19 except within 1/4 mile of Hwy 14	MM019O1R	10/01/2016	10/14/2016
19 except within 1/4 mile of Hwy 14	MF019O1R	10/01/2016	10/14/2016
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	MM020O1R	10/01/2016	10/14/2016
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	MF020O1R	10/01/2016	10/14/2016
28	MM028O1R	10/01/2016	10/14/2016
28	MF028O1R	10/01/2016	10/14/2016
36, 361	MM036O1R	10/01/2016	10/14/2016
37, 371	MM037O1R	10/01/2016	10/14/2016
37, 371	MF037O1R	10/01/2016	10/14/2016
38	MM038O1R	10/01/2016	10/14/2016
38	MF038O1R	10/01/2016	10/14/2016
39, 46	MM039O1R	10/01/2016	10/14/2016
39, 46	MF03901R	10/01/2016	10/14/2016
41, 42, 52, 411, 421, 521	MM04101R	10/01/2016	10/14/2016
41, 42, 421	MF04101R	10/01/2016	10/14/2016
43	MM04301R	10/01/2016	10/14/2016
44, 45	MM044O1R	10/01/2016	10/14/2016

Unit	Hunt Code	Open Date	Close Date
48, 55, 56, 481, 551, 561	MM048O1R	10/01/2016	10/14/2016
49, 50, 500, 501	MM049O1R	10/01/2016	10/14/2016
49, 50, 500, 501	MF049O1R	10/01/2016	10/14/2016
52, 411, 521	MF052O1R	10/01/2016	10/14/2016
65	MM065O1R	10/01/2016	10/14/2016
66	MM066O1R	10/01/2016	10/14/2016
66	MF066O1R	10/01/2016	10/14/2016
67	MM067O1R	10/01/2016	10/14/2016
67	MF067O1R	10/01/2016	10/14/2016
68, 79, 681	MM068O1R	10/01/2016	10/14/2016
74, 75	MM074O1R	10/01/2016	10/14/2016
76	MM076O1R	10/01/2016	10/14/2016
76, 77, 751 Weminuche Wilderness Only	MM076S1R	10/01/2016	10/14/2016
161	MM16101R	10/01/2016	10/14/2016
161	MF16101R	10/01/2016	10/14/2016
171 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MM17101R	10/01/2016	10/14/2016
171 except within 1/4 mile of Hwy 14 in Jackson County from Cameron Pass west to USFS Road 740 at Gould	MF17101R	10/01/2016	10/14/2016
191 except within 1/4 mile of Hwy 14	MF191O1R	10/01/2016	10/14/2016

D. Moose License Numbers

1. Moose license numbers will be set as resident and nonresident antlered and antlerless licenses by Game Management Unit. For the Moose Seasons the following numbers of resident and nonresident licenses will be issued:

Units	2015 Resident Antlered Licenses	2015 Resident Antlerless Licenses	2015 Nonresident Antlered Licenses	2015 Nonresident Antlerless Licenses	2015 Resident Either Sex Licenses
1, 201	0	0	0	0	1
6	11	15	3	3	
7, 8, 191 except within 1/4 mile of Hwy 14	7	21	2	4	
12, 23, 24	3	4	0	0	
14	3	5	0	0	
15, 27	3	3	0	0	
16	7	4	0	0	
17	4	11	1	1	
18, 181	13	14	2	2	

162

Units	2015	2015	2015	2015	2015
	Resident	Resident	Nonresident	Nonresident	Resident
	Antlered Licenses	Antlerless Licenses	Antlered Licenses	Antlerless Licenses	Either Sex Licenses
18 (Those portions bounded on the north by the Continental Divide; on the east by the divide between Willow Creek and East Fork of Troublesome drainages and the divide between Corral Creek and Troublesome Creek drainages; on the south by Round Gulch; and on the west by the main fork of Troublesome Creek and Sheep Creek	1	0	0	0	
19 except within 1/4 mile of Hwy 14	4	15	0	0	
20, 29 except within 1/4 mile of the high waterline of Brainard Lake from the beginning of archery season until the US Forest Service gate closes on Brainard Lake Road.	3	4	0	1	
28	8	8	2	1	
36, 361	2	0	0	0	
37, 371	4	4	0	0	
38	1	2	0	0	
39, 46	3	5	0	0	
41, 42, 52, 411, 421, 521	9	0	0	0	
41, 42, 421	0	18	0	3	
43					
44, 45	1	0	0	0	
49, 50, 500, 501					
48, 55, 56, 481, 551, 561	1	0	0	0	
52, 411, 521	0	9	0	0	
65	1	0	0	0	
66	2	1	0	0	
67	2	1	0	0	
68, 79, 681	1	0	0	0	

Units	2015 Resident Antlered Licenses	2015 Resident Antlerless Licenses	2015 Nonresident Antlered Licenses	2015 Nonresident Antlerless Licenses	2015 Resident Either Sex Licenses
74, 75	1	0	0	0	
76	2	0	2	0	
76, 77, 751 Weminuche Wilderness Only	4	0	0	0	
161	7	3	0	0	
171	6	16	1	2	
191 except within 1/4 mile of Hwy 14	0	2	0	0	
TOTALS	114	166	13	16	1

E. Allocation of Licenses Between Seasons

 Allocation of these licenses will float between the moose seasons in accordance with the hunt code chosen by successful applicants.

F. Special Restrictions

- 1. All moose licensees shall complete and return a harvest questionnaire provided by the Division within 30 days after the close of their hunting season. Any moose licensee who does not complete and return the mandatory questionnaire as required shall not be considered for any future moose license.
- 2. All moose harvested through hunting shall be submitted for inspection to an employee of the Division on or before the 5th working day after the taking thereof. Any licensee who takes an antlered moose shall personally present the head, with antlers attached, to any Division office. Any licensee who takes an antlerless moose shall personally present the head to any Division office. Moose heads must be unfrozen when presented for inspection. If not unfrozen, the Division may retain heads as necessary for thawing sufficient to extract the incisor teeth. A mandatory check report shall be completed at the time of inspection.
- 3. At the time of the mandatory check, the Division shall be authorized to extract and retain the incisor teeth.

Special Seasons

ARTICLE XII - SPECIAL HUNTING SEASONS/LICENSES FOR BIG GAME

#271 - BIG GAME ANIMALS CAUSING DAMAGE AND BIG GAME POPULATIONS OVER OBJECTIVE

A. Special Population Management Seasons for Big Game Ungulates

The Director shall have the authority to establish special management seasons for antlerless or female big game ungulates in specific game management units or portions thereof which significantly exceed the population objective, when the anticipated harvest from the current year's archery, muzzle-loading and regular rifle seasons did not occur. Provided further that the Director shall have the authority to establish these hunts between November 16 and February 28, to specify a time period for each of these hunts but not to exceed ten days each, and shall authorize hunters to use designated unfilled big game licenses for these hunts and units.

- 2. The Director shall have the authority to allocate antlerless deer and/or elk licenses on existing Ranching for Wildlife properties located in game management units where deer or elk populations significantly exceed the population objective. These licenses shall be in addition to the number of licenses allocated to each ranch pursuant to the Cooperative Agreement established in #210(A)(2). The additional allocation and use of the antlerless licenses provided for in this section shall be in the same proportion, by species (not sex), as established in the ranch's respective Cooperative Agreement and subject to the following provisions:
 - a. No ranch shall be required to accept any additional antlerless licenses.
 - b. The public allocation of such additional antlerless licenses shall only be offered to hunters who have successfully drawn antlered, either-sex or antlerless licenses for the same species on the ranch. Public hunters who choose to purchase one additional antlerless license from the Division shall be required to use the additional license during the season established for the license for which they drew. No more than one additional antlerless license will be available to any public hunter.
- B. Special Game Damage Seasons for Big Game Ungulates
 - The Director shall have the authority to establish special hunting seasons for big game ungulates, between August 15 and February 28, when necessary to control damage to property. Seasons shall be for the taking of antlerless or female animals unless the Director has determined that the taking of antlered animals is necessary in order to alleviate the damage.
 - a. Game damage hunts are limited to a maximum of 50 licenses per species per Game Management Unit or 30 percent of the antlerless, either-sex, or doe licenses issued for the DAU (whichever is greater), unless a distribution management plan establishing a different percentage has been approved by the Parks and Wildlife Commission or additional permits are approved by the Director or his designee.
 - b. On private lands and Russell Lakes, Rio Grande and Higel State Wildlife Areas, the Area Wildlife Manager (AWM) is authorized to conduct these seasons based upon the following criteria:
 - The AWM finds that such a season would be consistent with the distribution management plan approved by the Parks and Wildlife Commission.
 - 2. When there is no approved distribution management plan, the AWM finds that a season will reduce or eliminate damage for which the Division is liable, and that holding a season would be desirable considering
 - aa. The species and number of animals involved.
 - bb. The number of animals that would have to be removed to reduce or eliminate damage.
 - cc. The location of the damage problem.
 - dd. The type and extent of damage.

- ee. The time of year and its relationship to the life history of the animals.
- ff. The length of time such damage will continue without big game removal.
- gg. Management closures, hunting seasons and other public use.
- hh. The effect on population objectives for the GMU and DAU.
- ii. Whether landowner operations (e.g., harvesting) or critical wildlife biological activities (e.g., fawning) would be interrupted.
- jj. Safety risks.
- kk. Any other pertinent factors.
- 3. The Area Wildlife Manager shall provide the landowner with special application forms for distribution to individuals of their choice.

 Participants shall submit the completed application form with payment to the Division office indicated on the application.
- 4. In the event the landowner cannot secure enough people to effect an adequate harvest the Division can assist in locating individuals.
- c. The Division shall
 - Verify that damage or conflicts are occurring or can reasonably be anticipated to occur.
 - 2. Designate what area shall be open to hunting.
 - 3. Determine the manner of hunting that will be permitted.
 - 4. Determine the number of hunters allowed to hunt in each designated area.
- d. Hunting will be done under the direction of a District Wildlife Manager, following approval by the owner of land where such damage is occurring.
- e. Hunters shall hunt in designated areas and on the dates indicated on the license.
 - A map or a written description of the designated area open to hunting (which would include, but would not be limited to landowner(s) name, game management unit, township, range and section(s) and/or identification of landmarks such as roads, rivers, or fence lines which coincide with boundaries), will be provided to each licensed hunter by the Division.
- f. Any person who purchases a license for a game damage season shall be required to complete a Division harvest survey form and return it to the Area office that is nearest the location of the hunt no later than 5 days after the season ends.
- C. Special Game Damage Licenses for Bear and Mountain Lion

- 1. The Director shall have the authority to establish special hunting licenses for mountain lion and bear, which allow for take in excess of the otherwise applicable limited license numbers or quotas, when necessary to control damage to private property.
 - a. AWMs are authorized to issue these bear and mountain lion licenses to address specific animals determined after an investigation to be causing damage to private property.
 - 1. Bear or mountain lion licenses above the established limited license numbers or quota for the area may be issued only where necessary to take specific animals determined after an investigation to be causing damage to private property.
 - 2. Bear hunting authorized under this provision will be conducted between September 2 and the end of the fourth regular rifle season annually.
 - 3. Mountain lion hunting authorized under this provision will be conducted during established lion seasons.
 - 4. Licenses will be issued only if licenses are not otherwise available for purchase under standard license distribution methods or where mountain lion quotas have been reached in the area.
 - License will be restricted by manner of take, period of time within the dates specified above, and location within the GMU(s) or DAU(s) in question as necessary to ensure the offending animal is appropriately targeted.
 - Hunting will be conducted under the direction of a District Wildlife Manager.
 - b. Any person who purchases a license shall be required to complete a Division harvest survey form and return it to the Area office that is nearest the location of the hunt no later than 5 days after the end of the hunting period authorized by the license.
 - c. Bear and mountain lion taken pursuant to a license issued under this provision shall not be counted against the annual bag and possession limit for the species in question.
- D. Special Hunting Season In Game Management Unit 20 For Cow Elk Normally Not Available For Harvest During Regular Or Late Big Game Seasons:
 - 1. Season dates, license types, permit numbers will be established by the Director or his designee.
 - 2. The Division will designate the area open to hunting, manner of take, and season dates which are necessary to achieve its population management objective for this population of elk. Hunting shall occur only during the designated time periods indicated on the hunter's license and only in those areas specifically designated on the map provided by the Division. Special Unit 20 cow elk hunts shall be established based on the following criteria: (a) the hunt does not fall within the criteria established for game damage hunts; (b) snow ground cover and/or other conditions favor are expected to favor successful hunting; (c) elk must be available to hunters in portions of Unit 20 which are open to

- hunter access; and (d) no special season will be created under this regulation which would extend beyond February 15th.
- 3. Eligible hunters will be selected in the following priority: a) from the list of hunters who applied for a Unit 20 limited elk license and were unsuccessful; and b) from a new list of hunters established by the Division Northeast Regional office pursuant to notice in local newspapers. Such list will be established on a first-come, first-served basis.
- 4. Individuals who participate in this special hunt may also participate in any other season for elk if otherwise eligible to do so.

#272 BIG GAME DISEASE/ANIMAL HEALTH SEASONS

- Special Hunting Seasons for Disease Management in Big Game
 - a. The Director shall have the authority to establish special hunting seasons for big game, when hunting harvest has not been adequate to reduce the incidence of disease, to reduce emigration of infected animals, or to otherwise control expansion of the disease.
 - 1. No more than 200 licenses per species shall be issued annually per Game Management Unit (GMU) unless authorized by the Director
 - 2. Seasons shall be for the taking of antlerless or female animals unless the Director has authorized the issuance of male (antlered) licenses. No more than 10% of the licenses shall be issued for male (antlered) animals unless authorized by the Director.
 - 3. Licenses will be valid only in the unit(s) specified on the license. Licenses may be restricted to specific properties or areas as determined by the Area Wildlife Manager.
 - 4. License fees may be reduced when authorized by the Director, when necessary to ensure sufficient hunter participation, provided that no license is to be sold for less than \$5.00. License fees shall be set to ensure recovery of the cost of the retail and system agent commissions.
 - 5. Multiple carcass tags may be issued with each license, as authorized by the Director. Provided further that the payment of separate license fees shall be required if licenses for more than one species are to be sold.
 - 6. Any licensee who takes deer or elk during any such season for the purpose of Chronic Wasting Disease (CWD) management shall submit the head from all animals taken when required to do so as a condition of the license, to the testing site specified at the time the license is issued, within 5 days after harvest. Hunters must complete the special survey tag available at any head collection site and attach it to the animal's head. Antlers and capes from harvested deer may be removed by hunters before submitting heads for sampling.

ARTICLE XIII - VACANT

ARTICLE XIV - VACANT

CYNTHIA H. COFFMAN Attorney General

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Chief Deputy Attorney General

MELANIE J. SNYDER
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Office of the Attorney General

Tracking number: 2015-00811

Opinion of the Attorney General rendered in connection with the rules adopted by the

Colorado Parks and Wildlife (406 Series, Wildlife)

on 01/13/2016

2 CCR 406-2

CHAPTER W-2 - BIG GAME

The above-referenced rules were submitted to this office on 01/19/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 26, 2016 16:30:01

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Regulatory Agencies

Agency

Division of Real Estate

CCR number

4 CCR 725-7

Rule title

4 CCR 725-7 COMMUNITY ASSOCIATION MANAGERS 1 - eff 03/01/2016

Effective date

03/01/2016

[THIS PAGE NOT FOR PUBLICATION]

DEPARTMENT OF REGULATORY AGENCIES DIVISION OF REAL ESTATE COMMUNITY ASSOCIATION MANAGERS 4 CCR 725-7

NOTICE OF PROPOSED PERMANENT RULEMAKING HEARING January 5, 2016

A RULES: LICENSE QUALIFICATIONS, APPLICATIONS & EXAMINATIONS

Pursuant to and in compliance with Title 12, Article 61 and Title 24, Article 4, C.R.S. as amended, notice of proposed rulemaking is hereby given, including notice to the Attorney General of the State of Colorado and to all persons who have requested to be advised of the intention of the Director of the Division of Real Estate ("Director") to promulgate rules, or to amend, repeal or repeal and re-enact the present rules related to community association managers.

STATEMENT OF BASIS

The statutory basis for the rules titled <u>Rules Regarding Community Association Managers</u> is Part 10 of Title 12, Article 61, Colorado Revised Statutes, as amended.

STATEMENT OF PURPOSE

The purpose of this rule is to effectuate the legislative directive to promulgate necessary and appropriate rules in conformity with the state statutes of the Community Association Managers Practice Act.

SPECIFIC PURPOSE OF THIS RULEMAKING

The specific purpose of this rule is to promulgate rules with respect to the requirements for the licensing examination and ensures that community association managers are familiar with current regulations.

Proposed New, Amended and Repealed Rules

[Deleted material shown struck through, new material shown ALL CAPS. Rules, or portions of rules, which are unaffected are reproduced. Readers are advised to obtain a copy of the complete rules of the Director at www.dora.colorado.gov/dre

A RULES - LICENSE QUALIFICATIONS, APPLICATIONS AND EXAMINATIONS

A-5) Community Association Manager license examination expiration and application requirements.

The CAM license examination is made up of two parts, a general portion and a Colorado law portion. An applicant holding a credential pursuant to § 12-61-1003(5)(a)(I)(D), C.R.S., must sit for and successfully pass both portions of the examination. If the applicant fails one or both parts of the examination, the applicant may retake the failed portion(s). A passing score for the Colorado law portion of the examination is valid for one year only. If an applicant holds a credential pursuant to § 12-61-1003(5)(a)(I)(A),(B), OR (C), C.R.S., and has maintained said credential in good standing, such applicant need only sit for and successfully pass the Colorado law portion of the examination. If the applicant fails the Colorado law portion, the applicant may retake the failed portion. An application received by the Division must be accompanied by the statutory fee, proof of completion of the required credential and proof of successful completion of the required portion(s) of the examination. A passing score on the Colorado law portion of the examination must be obtained within the year prior to the application being received by the Division.

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A hearing on the above subject matter will be held on Wednesday, January 5, 2016, at the Colorado Division of Real Estate, 1560 Broadway, Suite 1250-C, Denver, Colorado 80202 beginning at 10:00 a.m.

Any interested person may participate in the rule making through submission of written data, views and arguments to the Division of Real Estate. Persons are requested to submit data, views and arguments to the Division of Real Estate in writing no less than three (3) days prior to the hearing date and time set forth above. However, all data, views and arguments submitted prior to or at the rulemaking hearing or prior to the closure of the rulemaking record (if different from the date and time of hearing), shall be considered.

Please be advised that the rule being considered is subject to further changes and modifications after public comment and formal hearing.

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
Chief of Staff

FREDERICK R. YARGER
Solicitor General



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Office of the Attorney General

Tracking number: 2015-00787

Opinion of the Attorney General rendered in connection with the rules adopted by the

Division of Real Estate

on 01/05/2016

4 CCR 725-7

COMMUNITY ASSOCIATION MANAGERS

The above-referenced rules were submitted to this office on 01/06/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 14, 2016 13:12:07

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-32

Rule title

5 CCR 1002-32 REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-32

REGULATION NO. 32 CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

32.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

32.2 PURPOSE

These regulations establish classifications and numeric standards for the Arkansas River, including all tributaries and standing bodies of water as indicated in section 32.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See Regulation No. 31, section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

32.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See section 32.6). As additional stream segments are classified and numeric standards for designated parameters are assigned for this drainage system, they will be added to or replace the numeric standards in the tables in section 32.6. Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "Basic Standards and Methodologies for Surface Water".

32.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

32.5 BASIC STANDARDS

(1) TEMPERATURE

All waters of the Arkansas River Basin are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) QUALIFIERS

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Tables 32.6. The column in the tables at 31.11 and 31.16 Table III headed "Fish Ingestion" is presumptively applied to all aquatic life class 1 streams which do not have a water supply classification, and are applied to aquatic life class 2 streams which do not have a water supply classification, on a case-by-case basis as shown in Tables 32.6.

(3) URANIUM

- (a) All waters of the Arkansas River Basin are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium levels in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 µg/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 ug/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) NUTRIENTS

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll *a* will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the Arkansas River Basin. Moreover, pursuant to 31.17(e) nutrient standards will only be adopted for waters upstream of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities

discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012 in the Arkansas River Basin:

Segment	Permittee	Facility name	Permit No.
COARUA02b	Leadville MHC LLC	Lake Fork MHP	COG588060
COARUA03	Buena Vista Sanitation District	Buena Vista San Dist WWTF	CO0045748
COARUA03	Salida City of	Salida WWTF	CO0040339
COARUA04a	Fremont Sanitation District	Rainbow Park WWTF	CO0039748
COARUA05	Young Life Campaign Inc	Frontier Ranch	CO0034304
COARUA05	Moose Haven Condominiums	Moose Haven Condominums	CO0047279
COARUA05	Mountain View Villages Water & Sanitation District	Mountain View Villages	CO0048372
COARUA06	Leadville Sanitation District	Leadville San Dist WWTF	CO0021164
COARUA12a	Mount Princeton Hot Springs Resort	Mount Princeton Hot Springs Resort WWTF	COG588017
COARUA12a	Christian Mission Concerns	Silver Cliff Ranch	COG588102
COARUA12b	Monarch Mountain Lodge	Garfield WWTF	CO0028444
COARUA12b	PowderMonarch LLC	Monarch Ski Area	CO0031399
COARUA14d	Penrose Sanitation District	Penrose WWTF	CO0046523
COARUA14d	Royal Gorge Company of Colorado	Royal Gorge	CO0029033
COARUA21a	Cripple Creek City of	Cripple Creek WWTF	CO0039900
COARUA23	Victor City of	Victor WWTF	CO0024201
COARMA04a; COARMA04g	Pueblo West Metro District	Pueblo West Metro District WWTF	CO0040789
COARMA04c	Sunset Metropolitan District	Ellicott Springs WWTF	CO0047252
COARMA04c	Woodmen Hills Metropolitan District	Woodmen Hills Metro Dist WWTF	CO0047091
COARMA04d	Avondale Water and Sanitation District	Avondale and Fort Reynolds WWTF	CO0021075
COARMA04f	Cherokee Metropolitan District	Cherokee Metropolitan District WRF	COX048348
COARMA09	Colorado City Metropolitan District	Colorado City Metro Dist WWTF	CO0021121
COARMA13b	Cucharas Sanitation and Water District	Cucharas WWTF	CO0043745
COARMA14	La Veta Town of	La Veta WWTF	CO0032409
COARMA14	City of Walsenburg	Walsenburg City of	CO0020745
COARFO02a	Fountain Sanitation District	Fountain Sanitation District WWTF	CO0020532
COARFO02a	Colorado Springs Utilities	Las Vegas Street WWTF	CO0026735
COARFO02a	Security Sanitation District	Security Sanitation District WWTF	CO0024392
COARFO02a	Widefield Water and Sanitation District	Widefield WSD WWTF	CO0021067
COARFO04	Academy Water and Sanitation District	Academy Water and San Dist WWTF	COG589020
COARFO04	Broadmoor Park Properties	Broadmoor Park Properties	COG589021
COARFO04	Academy School Dist 20	Edith Wolford Elem School	CO0048429
COARFO04	Lower Fountain Metropolitan Sewage Disposal District	HDTRWRF	CO0000005
COARFO06	Colorado Springs Utilities	J D Phillips Water Reclamation Facility	CO0046850
COARFO06	Tri-Lakes Wastewater Treatment Facility	Tri-Lakes WWTF	CO0020435
COARFO06	Donala Water and Sanitation District	Upper Monument Crk Reg WWTF	CO0042030
COARLA01a	Pueblo City of	James R Dilorio WRF	CO0026646

Segment	Permittee	Facility name	Permit No.
COARLA01a	Meadowbrook MHP LLC	Meadowbrook MHP	COG588022
COARLA01b	Crowley County Correctional	Crowley Correctional Facility	CO0046795
COARLA01b	Colorado Dept of Corrections	Fort Lyon Correctional Facility WWTF	CO0046311
COARLA01b	Colorado Dept of Corrections	Fort Lyon Correctional Facility WWTF	CO0048801
COARLA01b	Fowler Town of	Fowler WWTF	CO0021571
COARLA01b	Las Animas City of	Las Animas WWTF	CO0040690
COARLA01b	North La Junta Sanitation District	North La Junta San Dist WWTF	CO0039519
COARLA01b	Rocky Ford City of	Rocky Ford WWTF	CO0023850
COARLA02a	Boone Town of	Boone WWTF	COG589116
COARLA02a	Calhan Town of	Calhan WWTF	COG589018
COARLA02a	Country Host Motel	Country Host Motel	COG589038
COARLA02a	Crowley Town of	Crowley WWTF	CO0041599
COARLA02a	Eads Town of	Eads WWTF	COG589016
COARLA02a	Limon, Town of	Limon WWTF	COG589023
COARLA02a	Simla Town of	Simla WWTF	COG589031
COARLA02a	Springfield Town of	Springfield WWTF	COG589102
COARLA02a	Colorado Dept of Corrections	Trinidad Correctional Facility	CO0046094
COARLA02b	La Junta City of	La Junta WWTF	CO0021261
COARLA05b	Trinidad City of	Trinidad WWTF	CO0024015
COARLA05b; COARLA06a	Cokedale Town of	Cokedale WWTF	CO0048461
COARLA07	Hoehne School District R-3	Hoehne School	COG588110
COARLA07	Trinidad City of	Trinidad WWTF	CO0031232
Unclassified	Colorado Dept of Natural Resources	Arkansas Point WWTF	COG589008
Unclassified	Manzanola, Town of	Manzanola WWTF	COG589012
Unclassified	Wiley Sanitation District	Wiley San Dist WWTF	COG589007

Prior to May 31, 2022:

- For segments located entirely above these facilities, nutrient standards apply to the entire segment.
- For segments with portions downstream of these facilities, *nutrient standards apply only above these facilities*. A footnote was added to the total phosphorus and chlorophyll *a* standards in these segments. The footnote references the table of qualified facilities at 32.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A footnote was added to the total phosphorus and chlorophyll *a* standards in lakes segments as nutrients standards apply only to lakes and reservoirs larger than 25 acres surface area.

32.6 TABLES

(1) Introduction

The numeric standards for various parameters in this regulation and in the tables in Appendix 32-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the tables attached to Regulation No. 31. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) Abbreviations:

(a) The following abbreviations are used in this regulation and in the tables in Appendix 32-1:

°C = degrees Celsius

CL = cold lake temperature tier

CLL = cold large lake temperature tier

CS-I = cold stream temperature tier one

CS-I = cold stream temperature tier two

D.O. = dissolved oxygen

DM = daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters SSE = site-specific equation

sp = spawning t = total tr = trout

T = total recoverable
TVS = table value standard
ug/l = micrograms per liter
UP = use-protected
WS = water supply

WS-I = warm stream temperature tier one WS-II = warm stream temperature tier two WS-III = warm stream temperature tier three

WL = warm lake temperature tier

(b) In addition, the following abbreviations are used:

Fe(ch) = WS Mn(ch) = WS $SO_4 = WS$

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(i) existing quality as of January 1, 2000; or

(ii) Iron = $300 \mu g/l$ (dissolved) Manganese = $50 \mu g/l$ (dissolved)

 $SO_4 = 250 \text{ mg/l}$

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

- (c) Temporary Modification for Water + Fish Chronic Arsenic Standard
 - (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 μ g/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
 - (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 μg/l (Trec), expiring on 12/31/2021.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) <u>Table Value Standards</u>

In certain instances in the tables in Appendix 32-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

	TABLE VALUE STANDARDS (Concentrations in ug/l unless noted)				
PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS ⁽²⁾⁽³⁾				
Aluminum (Trec)	Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$				
	pH equal to or greater than 7.0				
	Chronic=e ^{(1.3695[ln(hardness)]-0.1158)}				
	pH less than 7.0				
	Chronic= e ^{(1.3695[ln(hardness)]-0.1158)} or 87, whichever is more stringent				
Ammonia ⁽⁴⁾	Cold Water				

TABLE VALUE STANDARDS (Concentrations in ug/l unless noted)

PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS ⁽²⁾⁽³⁾				
	$acute = \frac{0.275}{1+10^{7.204-pH}} + \frac{39.0}{1+10^{pH-7.204}}$				
	$chronic = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * MIN (2.85, 1.45 * 10^{0.028(25-T)})$				
	Warm Water				
	$acute = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$				
	$chronic \ (Apr1 - Aug 31) = \begin{bmatrix} \frac{0.0577}{1+10^{7.688- pH}} + \frac{2.487}{1+10^{ pH-7.688}} \end{bmatrix} * MIN \left(2.85, 1.45 * 10^{ 0.028(25-T)} \right)$				
	$chronic \; (Sep \; 1 - Mar \; 31) = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7))} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{2.487}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{0.0577}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{0.0577}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{0.0577}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10} + \frac{0.0577}{1+10} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,\;7)} = \begin{bmatrix} \frac{0.0577}{1+10$				
Cadmium	Acute = $(1.136672-[ln(hardness) \times (0.041838)]) \times e^{0.9151[ln(hardness)]-3.1485}$				
	Acute(Trout) = $(1.136672-[ln(hardness)x (0.041838)])x e^{0.9151[ln(hardness)]-3.6236}$				
	Chronic = (1.101672-[In(hardness) $x(0.041838)$] $x e^{0.7998[In(hardness)]-4.4451}$				
Chromium III ⁽⁵⁾	Acute = $e^{(0.819[ln(hardness)]+2.5736)}$				
	Chronic= e ^{(0.819[ln(hardness)]+0.5340)}				
Chromium VI ⁽⁵⁾	Acute = 16				
	Chronic = 11				
Copper	Acute = $e^{(0.9422[ln(hardness)]-1.7408)}$				
	Chronic = $e^{(0.8545[ln(hardness)]-1.7428)}$				
Lead	Acute = $(1.46203-[ln(hardness)*(0.145712)])* e^{(1.273[ln(hardness)]-1.46)}$				
	Chronic = $(1.46203-[ln(hardness)*(0.145712)])* e^{(1.273[ln(hardness)]-4.705)}$				

TABLE VALUE STANDARDS (Concentrations in ug/l unless noted)

PARAMETER⁽¹⁾

TABLE VALUE STANDARDS(2)(3)

Manganese

Acute = $e^{(0.3331[ln(hardness)]+6.4676)}$

Chronic = $e^{(0.3331 [ln(hardness)]+5.8743)}$

Nickel

Acute = $e^{(0.846[ln(hardness)]+2.253)}$

Chronic = $e^{(0.846[ln(hardness)]+0.0554)}$

Selenium⁽⁶⁾

Acute = 18.4

Chronic = 4.6

Silver

Acute = $\frac{1}{2}e^{(1.72[\ln(\text{hardness})]-6.52)}$

Chronic = $e^{(1.72[ln(hardness)]-9.06)}$

Chronic(Trout) = $e^{(1.72[ln(hardness)]-10.51)}$

Temperature

TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED APPLICABLE TO BE PRESENT MONTHS		TEMPER STANDA	
				MWAT	DM
Cold Stream	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7
Tier 1			Oct. – May	9.0	13.0
Cold Stream	CS-II	Other cold-water species	April – Oct.	18.3	23.9
Tier 2			Nov. – March	9.0	13.0
Cold Lakes	CL	brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2
		rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
Cold Large	CLL	rainbow trout, brown trout, lake trout	April – Dec.	18.3	23.8
Lakes (>100 acres surface area)		nout, take nout	Jan. – March	9.0	13.0
Warm Stream	WS-I	common shiner, Johnny darter, orangethroat	March – Nov.	24.2	29.0
Tier 1		darter	Dec. – Feb.	12.1	14.5
Warm Stream	WS-II	brook stickleback, central stoneroller, creek chub,	March – Nov.	27.5	28.6
Her 2	Tier 2		Dec. – Feb.	13.8	14.3

TABLE VALUE STANDARDS (Concentrations in ug/l unless noted)

PARAMETER⁽¹⁾

TABLE VALUE STANDARDS(2)(3)

Warm Stream Tier 3	WS-III	all other warm-water species	March – Nov.	28.7	31.8
			Dec. – Feb.	14.3	15.9
Warm Lakes	WL	black crappie, bluegill, common carp, gizzard shad, golden shiner, largemouth bass, Northern pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	April – Dec.	26.3	29.5
			Jan. – March	13.2	14.8

Uranium Acute = $e^{(1.1021[ln(hardness)]+2.7088)}$

Chronic = $e^{(1.1021[ln(hardness)]+2.2382)}$

Zinc Acute = $0.978*e^{(0.9094[ln(hardness)]+0.9095)}$

Chronic = $0.986*e^{(0.9094[ln(hardness)]+0.6235)}$

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.

- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 ug/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (7) E.coli criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for E. coli are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.
- (9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

(4) Assessment Criteria

The following criteria shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

- (a) Middle Arkansas Segment 4a, Wildhorse Creek, Se(ac)=2376, Se(ch)=2110: Selenium Assessment Location
 - Wildhorse Creek above Pesthouse Gulch: 38.296478, -104.649201
- (b) Middle Arkansas Segment 4g, Pesthouse Gulch, Se(ac)=389, Se(ch)=369: Selenium Assessment Location
 - Pesthouse above No Name: 38.309568, -104.672244
- (c) Middle Arkansas Segment 6b, St. Charles River, Se(ac)=173, Se(ch)=50: Selenium Assessment Locations

Determinations of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively of all available data from the segment. The selenium assessment locations are:

- SC-5: St. Charles River approximately one mile downstream of the confluence with Edson Arroyo.
- SC-6-US: St. Charles River upstream of the confluence with Thomkins Arroyo and the Comanche discharge.
- SC-7: Approximately 2 miles upstream of the Bessemer Canal crossing.
- SC-8: Immediately upstream of the Bessemer Canal crossing.
- SC-9: St. Charles River downstream of where the river flows under U.S.
 Highway 50, approximately 3 miles upstream of the confluence with the Arkansas
 River.
- (d) Middle Arkansas Segment 20, Pueblo Reservoir: Chlorophyll a Assessment Location
 - Site 7b (USGS Site 381602104435200): Near the dam and the south outlet works.

(5) Stream Classifications and Water Quality Standards Tables

The stream classifications and water quality standards tables in Appendix 32-1 are incorporated herein by reference.

. . . .

32.55 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR THE ARKANSAS RIVER BASIN, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the result of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

<u>Overall format changes</u>: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not

appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)=..."

Also, since there is more room for information within each segment, footnotes "B" and "C" were replaced with the full text in each segment where these footnotes were applied. Footnote "A" was maintained because the text is too long to be displayed in the "Other" section for each segment where it applies.

Constraints of the new format: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made.

- The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the concentration of total phosphorus. In the old format, individual phosphorus standards were noted as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.

- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3
 - E. Coli (chronic) Regulation #31, Table 1, footnote 7
 - D.O. (chronic) Regulation #31, Table 1, footnote 1
 - cyanide (acute) Regulation #31, Table 2
 - sulfide (chronic) Regulation #31, Table 2
 - nitrate (acute) Regulation #31, Table 2
 - nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30day average standard in permits and assessments.
 - chloride (chronic) Regulation #31, Table 2
 - boron (chronic) Regulation #31, Table 2
 - sulfate (chronic) Regulation #31, Table 2

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-32

REGULATION NO. 32
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
ARKANSAS RIVER BASIN

APPENDIX 32-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

COARUA01A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
		3.1	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
1h Mainstem	of the East Fork of the Arkar	nsas River from its source to a point immed			h Birdseve Gulch		
	Classifications	Physical and		offinderice wit	The Bridseye Guich.	Metals (ug/L)	
Designation	Ag Life Cold 1		DM	MWAT		acute	chronic
Reviewable	Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
	Water Supply	, , , , , , , , , , , , , , , , , , ,	acute	chronic	Arsenic	340	0.02(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0		Chromium III	50(T)	TVS
	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Copper	TVS	TVS
expiration Da	te of 12/31/2021	,			Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
		morgan	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron			Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		210(T)
		Ciliotine	0.019	0.011	Nickel	TVS	TVS
		Cyanida			THERE	1 7 3	1 1 3
		Cyanide			Selenium	T\/C	T\/C
		Nitrate	10		Selenium	TVS	TVS
		Nitrate Nitrite	10	0.05	Silver	TVS	TVS(tr)
		Nitrate Nitrite Phosphorus	10 	0.05 0.11	Silver Uranium	TVS 	TVS(tr)
		Nitrate Nitrite	10	0.05	Silver	TVS	TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

OARUA02A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
b. Mainstem	of the Arkansas River from a point immed	I liatelv above California Gulch to	o a point immediate	elv above the	confluence with Lake F	ork.	
	Classifications	Physical and		,		Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium		SSE*
		рН	6.5 - 9.0		Cadmium	SSE*	
Designation:	9/30/00 Base-line does not apply	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	ute) = 1.136672-	E. Coli (per 100 mL)		126	Chromium III		100(T)
6236)	0.041838)*e^(0.9151*ln(hardness)-	. ,			Chromium VI	TVS	TVS
Cadmium(ch	ronic) = (1.101672- 0.041838])*e^(0.7998[In hardness]-	Inorgan	ic (mg/L)		Copper	TVS	TVS
.1725)	0.041030]) e (0.7990[III Haidhess]-		acute	chronic	Iron		1000(T)
	0.978*e^(0.8537[ln(hardness)]+2.2178)	Ammonia	TVS	TVS	Lead	TVS	TVS
Zinc(chronic) 2.0469)	= 0.986*e^(0.8537[ln(hardness)]	Boron		0.75	Manganese	TVS	TVS
5-00)		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.015		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.05	Uranium		1 73(11)
					J. a. iiuiii		
					Zinc		SSE*
		Sulfate Sulfide		0.002	Zinc Zinc	 SSE*	SSE*

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout

		1 -		a point iiiiiii	ediately above the conflu	shee wan Lake Greek.	
COARUA02C	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium		SSE*
Other:		pH	6.5 - 9.0		Cadmium	SSE*	
		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
•	9/30/00 Base-line does not apply	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	ute) = 1.136672- *0.041838)*e^(0.9151*ln(hardness)-				Copper	TVS	TVS
3.6236)		Inorgani	c (mg/L)		Iron		WS
	ronic) = (1.101672- ·0.041838])*e^(0.7998[In hardness]-		acute	chronic	Iron		1000(T)
3.1725)	, , , ,	Ammonia	TVS	TVS	Lead	TVS	TVS
, ,	0.978*e^(0.8537[ln(hardness)]+2.2178)	Boron		0.75	Manganese	TVS	TVS
'Zinc(chronic) +2.0469)	= 0.986*e^(0.8537[ln(hardness)]	Chloride		250	Manganese		WS
•		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.03	Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide			Zinc		SSE*
		Sullide		0.002	ZIIIC		JJL
					Zinc	SSE*	
	of the Arkansas River from a point immedi	T '		the Chaffee			
COARUA03	Classifications	ately above the confluence with Physical and	Biological			Metals (ug/L)	chronic
COARUA03 Designation	Classifications Agriculture	Physical and l	Biological DM	MWAT	/Fremont County line.		chronic
COARUA03 Designation	Classifications Agriculture Aq Life Cold 1	T '	Biological DM CS-II	MWAT CS-II	/Fremont County line.	Metals (ug/L) acute 	
COARUA03 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM CS-II acute	MWAT CS-II chronic	/Fremont County line. Aluminum Arsenic	Metals (ug/L) acute 340	
COARUA03 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and I	Biological DM CS-II acute	MWAT CS-II chronic 6.0	/Fremont County line. Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	0.02(T)
COARUA03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute	MWAT CS-II chronic 6.0 7.0	/Fremont County line. Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	 0.02(T) TVS
COARUA03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L)	0.02(T) TVS TVS TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0 c (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS TVS WS 1000(T)
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CS-II acute	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COARUA03 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COARUA03 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CS-II acute	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COARUA03 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COARUA03 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	/Fremont County line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COARUA03 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

4a. Mainstem	of the Arkansas River from the	Chaffee/Fremont County Line t	o a point immed	<u>liately</u> above	e Highway 11	15 bridge, due east of Flo	rence.	
COARUA04A	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture		'	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	24.8	22.1	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Temporary M	Indification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chroni	* *	рН		6.5 - 9.0		Copper	TVS	TVS
•	te of 12/31/2021	chlorophyll a (mg/m²)				Iron		WS
_,,p.,.a		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
			Inorganic (mg/	L)		Manganese	TVS	TVS
				acute	chronic	- Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus						
		Sulfate			WS			
		Sulfide			0.002			
4b. Mainstem	of the Arkansas River from a p	oint immediately above Highwa	y 115 bridge, du	e east of Flo	orence, to the	e inlet of Pueblo Reservo	ir.	
COARUA04B	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:		рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)				Chromium III	50(T)	TVS
Temporary M	Indification(s):	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
Arsenic(chroni	* *		Inorganic (mg/	L)		Copper	TVS	TVS
,	te of 12/31/2021			acute	chronic	Iron		WS
Expiration bat	C 01 12/01/2021	Ammonia		TVS	TVS	Iron		1000(T)
		Boron			0.75	Lead	TVS	TVS
						Manganese	T) (C	TVS
		Chloride			250	Manganese	TVS	173
				0.019	250 0.011	Manganese		WS
		Chloride				-		
		Chloride Chlorine		0.019	0.011	Manganese		WS
		Chloride Chlorine Cyanide		0.019 0.005	0.011	Manganese Mercury		WS 0.01(t)
		Chloride Chlorine Cyanide Nitrate Nitrite		0.019 0.005 10	0.011	Manganese Mercury Molybdenum		WS 0.01(t) 160(T)
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		0.019 0.005 10	0.011 0.5	Manganese Mercury Molybdenum Nickel	 TVS	WS 0.01(t) 160(T) TVS
		Chloride Chlorine Cyanide Nitrate Nitrite		0.019 0.005 10 	0.011	Manganese Mercury Molybdenum Nickel Selenium	 TVS TVS	WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

5. All tributaries to the Arkansas River, including wetlands, from the source to immediately below the confluence with Brown's Creek, except for specific listings in segments 6 through 12b.

COARUA05	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
•		Inorganic	(mg/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(o	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
iaciiiles iisleu	at 32.3(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

6. Mainstem of California Gulch, including all tributaries, from the source to the confluence with the Arkansas River. Mainstem of St. Kevin's Gulch from the source to the confluence with Tennessee Creek.

COARUA06	Classifications	Physical and Biologi	cal		Meta	ls (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Recreation N				Aluminum		
Qualifiers:			acute	chronic	Arsenic		
Other:		D.O. (mg/L)			Beryllium		
		рН			Cadmium		
		chlorophyll a (mg/m²)			Chromium III		
		E. Coli (per 100 mL)		630	Chromium VI		
		Inorganic (mg/l	L)		Copper		
			acute	chronic	Iron		
		Ammonia			Lead		
		Boron			Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		
		Cyanide			Nickel		
		Nitrate			Selenium		
		Nitrite			Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		
		Sulfide					

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

COARUA07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E	- p	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
uici.		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		,			Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		morgan	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
			0.019		Nickel	TVS	TVS
		Cyanide Nitrate	10		Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
		Nitrite Phosphorus		0.05	Uranium		1 7 3(11)
		· ·		0.11	Zinc	TVS	TVS
		Sulfate		WS	ZIIIC	173	173
N. M	- (la - O lab farantha a -	Sulfide		0.002			
	Classifications	ce to the ASARCO water supply intake. Physical and	Piological			Motolo (ug/L)	
Designation	Agriculture	Filysical and	DM	MWAT		Metals (ug/L)	chronic
eviewable	Ag Life Cold 2	Tamparatura %C			Aluminum	acute 	CHIOIIC
eviewabie	Recreation E	Temperature °C	CS-II acute	CS-II chronic	Aluminum		0.02-10(T)
	Water Supply	D.O. (mg/l.)		6.0	Arsenic	340	
ualifiers:	vvater Supply	D.O. (mg/L)			Beryllium		T. (C
uaiiiici 3.		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		_n ⊔	65.00		Chromium III	FO(T)	T\/C
other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
ther:		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
ther:		•			Chromium VI Copper	TVS TVS	TVS TVS
other:		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Chromium VI Copper Iron	TVS TVS 	TVS TVS WS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L)	150 126	Chromium VI Copper Iron Iron	TVS TVS 	TVS TVS WS 1000(T)
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ic (mg/L)	150 126 chronic	Chromium VI Copper Iron Iron Lead	TVS TVS TVS	TVS TVS WS 1000(T) TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	 ic (mg/L)	150 126 chronic TVS	Chromium VI Copper Iron Iron Lead Manganese	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ic (mg/L) acute TVS	150 126 chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
other:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

8b. Mainstem	or lowa Guich from a point in	innealatery	below the 7107 tree water sup	pry make to a point	iiiiiiieuiateiy	below the headyate of t		wa Dilcii).
COARUA08B	Classifications		Physical and	Biological			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Cold 2		Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	100(T)
Qualifiers:			D.O. (mg/L)		6.0	Beryllium		
Other:			D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Temporary M	odification(s):		рН	6.5 - 9.0		Chromium III	TVS	TVS
Cadmium(chro	* *		chlorophyll a (mg/m²)		150	Chromium III		100(T)
,	,	11/1 - 3/31	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
temperature(M	·	11/1 - 3/31				Copper	TVS	TVS
Zinc(chronic) =	,		Inorgai	nic (mg/L)		Iron		1000(T)
Expiration Dat	te of 12/31/2017			acute	chronic	Lead	TVS	TVS
			Ammonia	TVS	TVS	Manganese	TVS	TVS
			Boron		0.75	Mercury		0.01(t)
			Chloride			Molybdenum		160(T)
			Chlorine	0.019	0.011	Nickel	TVS	TVS
			Cyanide			Selenium	TVS	TVS
			Nitrate	100		Silver	TVS	TVS(tr)
			Nitrite		0.05	Uranium		
			Phosphorus		0.11	Zinc	TVS	TVS
			Sulfate			İ		
			Sulfide		0.002			
9. Mainstem o	of Iowa Gulch from a point imr	mediately l	below the headgate of the Pado	lock #1 Ditch (Iowa	Ditch) to the	confluence with the Arka	ansas River.	
COARUA09	-1 ·e: .:							
	Classifications		Physical and	Biological			Metals (ug/L)	
	Agriculture		Physical and	Biological DM	MWAT			chronic
Designation			Physical and Temperature °C		MWAT CS-I	Aluminum	Metals (ug/L)	chronic
Designation	Agriculture		-	DM		Aluminum Arsenic	Metals (ug/L) acute	
Designation Reviewable	Agriculture Aq Life Cold 1		-	DM CS-I	CS-I	-	Metals (ug/L) acute	
Designation	Agriculture Aq Life Cold 1		Temperature °C	DM CS-I acute	CS-I chronic	Arsenic	Metals (ug/L) acute	 7.6(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	Metals (ug/L) acute 340	7.6(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	7.6(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	7.6(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgal	DM	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L)	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgal Ammonia Boron	DM	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 10.0 (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05 0.11	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

10. Mainstem					1		
COARUA10	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	14.6	10.6
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sullate		VVO	1=		
		Sulfide		0.002			
11 Mainetom	of South Fork of Lake Crook	Sulfide	m the source to the	0.002	with Lake Crook		
		, including all tributaries and wetlands, from	n the source to the		with Lake Creek.	Metals (ug/L)	
OARUA11	Classifications		n the source to the	confluence v	with Lake Creek.	Metals (ug/L)	chronic
COARUA11 Designation	Classifications Agriculture	, including all tributaries and wetlands, from Physical and	m the source to the Biological DM	confluence v		acute	chronic
COARUA11 Designation	Classifications Agriculture Aq Life Cold 1	, including all tributaries and wetlands, from	m the source to the Biological DM CS-I	MWAT CS-I	Aluminum	acute 750	
COARUA11 Designation Reviewable	Classifications Agriculture	, including all tributaries and wetlands, from Physical and Temperature °C	n the source to the Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	acute 750 340	7.6(T)
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	, including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L)	m the source to the Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	acute 750 340	7.6(T)
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	, including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	m the source to the Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 750 340 TVS(tr)	7.6(T) TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH	n the source to the Biological DM CS-I acute 5.0-9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 750 340 TVS(tr) TVS	7.6(T) TVS TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	n the source to the Biological DM CS-I acute 5.0-9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	acute 750 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH	n the source to the Biological DM CS-I acute 5.0-9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 750 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	, including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	m the source to the Biological DM CS-I acute 5.0-9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 750 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	, including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	n the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 750 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	n the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	nincluding all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	n the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS 0.01(t)
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS 1001(t) 160(T)
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	nincluding all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	nincluding all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS 1001(t) 160(T)
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	nincluding all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
COARUA11	Classifications Agriculture Aq Life Cold 1	including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 1000(T) TVS TVS TVS TVS TVS TVS
COARUA11 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	including all tributaries and wetlands, from Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	the source to the Biological DM CS-I acute 5.0-9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 750 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

12a. Mainsten	If of Chark Creek from the source to the	confluence with the Arkansas F	River.				
COARUA12A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Indification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
·		Inorgan	ic (mg/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(d	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
facilities listed	l at 32.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
12h Mainster	m of Cottonwood Creek (Chaffee Count				L South Fork of the Arkansa	s including all tributari	es and wetlands
	onal Forest boundary to the confluence		cride with the 7 that	iodo ravor, c	- The state of the state of	s, morading an insulari	es and wettands,
COARUA12B	Classifications	Physical and	Biological				
						Metals (ug/L)	
Designation	OARUA12B Classifications esignation Agriculture		DM	MWAT		Metals (ug/L) acute	chronic
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C		MWAT CS-II	Aluminum		chronic
	 	Temperature °C	DM		Aluminum Arsenic		chronic 0.02(T)
	Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-II	CS-II		acute	
	Aq Life Cold 1 Recreation E		DM CS-II acute	CS-II chronic	Arsenic	acute 340	 0.02(T)
Reviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L)	DM CS-II acute	CS-II chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	DM CS-II acute	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Qualifiers: Other: Temporary M	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 iic (mg/L)	CS-II chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 iic (mg/L)	CS-II chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM	CS-II chronic 6.0 7.0 150* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM	CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

COARUA13	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary N	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
rsenic(chror	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	ite of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
L4a. Mainste	m of Big Red Creek, Little Red	d Creek, and Rush Creek and Hardscrabb	le Creek from their	sources to th	neir confluence with the A	rkansas River.	
OARUA14	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	i i		acute	chronic	Arsenic	340	100(T)
	Recreation E		doute			0.0	. ,
)ualifiers:	Recreation E	D.O. (mg/L)		6.0	Beryllium		
•	Recreation E	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium		
Qualifiers: Other:	Recreation E						
-	Recreation E	D.O. (spawning)		7.0	Cadmium	TVS	TVS
-	Recreation E	D.O. (spawning) pH	 6.5 - 9.0	7.0	Cadmium Chromium III	TVS TVS	TVS
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium III	TVS TVS	TVS TVS 100(T)
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium III Chromium VI	 TVS TVS TVS	TVS TVS 100(T) TVS
•	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	7.0 150 126	Cadmium Chromium III Chromium III Chromium VI Copper Iron	TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T)
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	7.0 150 126 chronic	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS TVS
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	7.0 150 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS
	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
•	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	7.0 150 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS
-	Recreation E	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	7.0 150 126 chronic TVS 0.75 0.011 0.5	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) TVS TVS TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

COARUA14B	Classifications	Physic	al and Biologic	al			Metals (ug/L)	
Designation	Agriculture			DM	MWAT	,	acute	chronic
eviewable	Aq Life Cold 2	Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
ualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
ther:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)			126	Copper	TVS	TVS
						Iron		WS
		I	norganic (mg/L))		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.11	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
.4c. Mainster	ns of North and South Hardscr	rabble Creeks, including all tributa	ries and wetland	ls, from the	eir sources to	their confluences.		
	Classifications	Physic	al and Biologic				Metals (ug/L)	
esignation	Agriculture			DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	10/31 - 5/31	CS-I	CS-I	Aluminum		
	Recreation E	Temperature °C	6/30 - 9/30	22.1	17	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
ualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
ther:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
		pH		6.5 - 9.0		Copper	TVS	TVS
		chlorophyll a (mg/m²)			150	Iron		WS
		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
		ı	norganic (mg/L))		Manganese	TVS	TVS
				acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
				10		Uranium		
		Nitrate						
		Nitrate Nitrite			0.05	Zinc	TVS	TVS
					0.05 0.11	Zinc	TVS	TVS
		Nitrite				Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

14d. All tributaries to the Arkansas River, including wetlands, which are not on National Forest lands, from the Chaffee/Fremont County line to the inlet to Pueblo Reservoir, except for specific listings in segments 14a, 14c and 15-27.

COARUA14D	Classifications	Physical and Biol	ogical		Me	tals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		pH	6.5 - 9.0		Chromium III		100(T)
chlorophyll a the facilities lis	(mg/m²)(chronic) = applies only above sted at 32 5(4)	chlorophyll a (mg/m²)		150	Chromium VI		100(T)
*Phosphorus(d	chronic) = applies only above the	E. Coli (per 100 mL)		126	Copper		200(T)
facilities listed	cilities listed at 32.5(4).				Iron		
		Inorganic (m	ng/L)		Lead		100(T)
			acute	chronic	Manganese		
		Ammonia			Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel		200(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver		
		Nitrate	100		Uranium		
		Nitrite		10	Zinc		2000(T)
		Phosphorus		0.11*			
		Sulfate					
		Sulfide					

15. Mainstem of Grape Creek, including all tributaries and wetlands, from the source to the outlet of De Weese Reservoir, except for specific listings in segment 25. Mainstems of Texas, Badger, Hayden, Hamilton, Stout, and Big Cottonwood Creeks, including all tributaries and wetlands, from their sources to their confluences with the Arkansas River. Mainstem of Newlin Creek from the National Forest boundary to the City of Florence water diversion.

COARUA15	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	()	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
1		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

16a. Mainster	ii di middie i alianassee Ciet						
COARUA16A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	 Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
1		1 moophistas					TVS
		Sulfate		WS	1Zinc	TVS	172
		Sulfide Sulfide k, South Tallahassee Creek, Middle Tallah		0.002	Zinc Creek from their sources	TVS to a point immediately	
confluence wi		Sulfide	assee Creek, and T 6a.	0.002			
confluence wi	th South Tallahassee Creek,	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1	assee Creek, and T 6a.	0.002		to a point immediately	
confluence wi COARUA16B Designation	th South Tallahassee Creek, Classifications	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1	assee Creek, and T 6a. Biological	0.002 allahassee		to a point immediately	chronic
confluence wi COARUA16B Designation	ith South Tallahassee Creek, Classifications Agriculture	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and	assee Creek, and T 6a. Biological DM	0.002 Tallahassee MWAT	Creek from their sources	to a point immediately	below their
confluence wi COARUA16B Designation	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and	assee Creek, and T 6a. Biological DM CS-II	0.002 Tallahassee MWAT CS-II	Creek from their sources	to a point immediately Metals (ug/L) acute	chronic
confluence wi COARUA16B Designation Reviewable	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C	assee Creek, and T 6a. Biological DM CS-II acute	0.002 Tallahassee MWAT CS-II chronic	Creek from their sources Aluminum Arsenic	to a point immediately Metals (ug/L) acute 340	chronic 0.02-10(T) A
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L)	assee Creek, and T 6a. Biological DM CS-II acute	0.002 fallahassee MWAT CS-II chronic 6.0	Creek from their sources Aluminum Arsenic Beryllium	to a point immediately Metals (ug/L) acute 340	chronic 0.02-10(T) A
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	assee Creek, and T 6a. Biological DM CS-II acute	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0	Creek from their sources Aluminum Arsenic Beryllium Cadmium	to a point immediately Metals (ug/L) acute 340 TVS(tr)	chronic 0.02-10(T) A TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02-10(T) A TVS TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0	0.002 fallahassee MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium VI	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02-10(T) A TVS TVS TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0	0.002 fallahassee MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0	0.002 fallahassee MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS WS 1000(T)
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	0.002 fallahassee MWAT CS-II chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 fallahassee MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS S TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS S TVS US 1000(T) TVS VS TVS US TVS TVS TVS TVS TVS TVS TVS TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	0.002 fallahassee MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
confluence wi	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallah except for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
confluence wi COARUA16B Designation Reviewable Qualifiers:	ith South Tallahassee Creek, Classifications Agriculture Aq Life Cold 2 Recreation E	Sulfide k, South Tallahassee Creek, Middle Tallahexcept for the specific listing in segment 1 Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	assee Creek, and T 6a. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	0.002 Fallahassee MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	to a point immediately Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS S TVS TVS TVS TVS TVS T

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

COADLIAGO		a point immediately below the confluence	Willi Soulli Tallallas	SOCE CIECK II	o the confidence with the	AIKAIISAS RIVEI.	
COARDAIGC	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
17a. Mainster	m of Cottonwood Creek (Fren	nont County), including all tributaries and v	vetlands, from the s	ource to a po	int immediately below th	e confluence with North	n Waugh Creek
	Classifications	Physical and					
Designation						Metals (ug/L)	
	Agriculture		DM	MWAT		Metals (ug/L) acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	<u>_</u>	MWAT CS-I	Aluminum		chronic
	⊣ ~	Temperature °C	DM		Aluminum Arsenic		
	Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I	CS-I	-	acute	
Reviewable	Aq Life Cold 1 Recreation E		DM CS-I acute	CS-I chronic	Arsenic	acute	 0.02(T)
Reviewable Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Reviewable Qualifiers: Other: Temporary M	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronic	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Reviewable Qualifiers: Other: Temporary Marsenic(chronice)	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Reviewable Qualifiers: Other: Temporary Marsenic(chronice)	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chronice)	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chronice)	Aq Life Cold 1 Recreation E Water Supply Indiffication(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
17c. Mainster	of Cottonwood Creek from I	F6 Road to the confluence with Currant C	eek.		T		
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	(acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	,						
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (spawning) pH	6.5 - 9.0		Chromium III	TVS(tr) 50(T)	TVS TVS
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²)	6.5 - 9.0	150	Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
Qualifiers:		D.O. (spawning) pH	6.5 - 9.0		Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	150	Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS	TVS TVS TVS TVS WS
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 iic (mg/L)	150 126	Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
)ualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	150 126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
)ualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 sic (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
)ualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
Qualifiers: Other:		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

COARUA18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
19. Mainsten	of Fourmile Creek, including	all tributaries and wetlands, from the soul	ce to immediately b	elow the cor	fluence with High Creek.		
COARUA19	Classifications	Physical and	Biological			Metals (ug/L)	,
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Γemporary Ν	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chro	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	ate of 12/31/2021				Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Ciliotine			Nickel	TVS	TVS
		Cyanide	0.005				
			0.005 10		Selenium	TVS	TVS
		Cyanide					
		Cyanide Nitrate	10		Selenium	TVS	TVS
		Cyanide Nitrate Nitrite	10	0.05	Selenium Silver	TVS TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = totaltr = trout D.O. = dissolved oxygen DM = daily maximum

JUARUA20A	Classifications	Physic	al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	11/1 - 2/29	14.2	9.7	Aluminum		
	Recreation E	Temperature °C	3/1 - 10/31	27.1	21	Arsenic	340	7.6(T)
ualifiers:						Beryllium		
ther:				acute	chronic	Cadmium	TVS(tr)	TVS
		D.O. (mg/L)			6.0	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above ted at 32.5(4).	D.O. (spawning)			7.0	Chromium III		100(T)
Phosphorus(c	chronic) = applies only above the	pН		6.5 - 9.0		Chromium VI	TVS	TVS
cilities listed	at 32.5(4).	chlorophyll a (mg/m²)			150*	Copper	TVS	TVS
		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
		ı	norganic (mg/	'L)		Manganese	TVS	TVS
				acute	chronic	Mercury		0.01(t)
		Ammonia		TVS	TVS	Molybdenum		160(T)
		Boron			0.75	Nickel	TVS	TVS
		Chloride				Selenium	TVS	TVS
		Chlorine		0.019	0.011	Silver	TVS	TVS(tr)
		Cyanide		0.005		Uranium		
		Nitrate		100		Zinc	TVS	TVS
		Nitrite			0.05			
		Phosphorus			0.11*			
		Sulfate						
		Sulfide			0.002			
0b. Mainsten	n of Fourmile Creek, including all tributa		the confluence	with Long C		confluence with the Arkar	nsas River.	
	Classifications		al and Biolog				Metals (ug/L)	
esignation	Agriculture			DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	11/1 - 2/29	13	9.4	Aluminum		
	Recreation E	Temperature °C	3/1 - 10/31	28.1	22	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
ualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
ther:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
	adification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
	odification(s):	pH		6.5 - 9.0		Copper	TVS	TVS
						Iron		WS
rsenic(chroni		chlorophyll a (mg/m²)						
rsenic(chroni	e of 12/31/2021	chlorophyll a (mg/m²) E. Coli (per 100 mL)			126	Iron		1000(T)
rsenic(chroni xpiration Date Sulfate(chroni	e of 12/31/2021 ic) = Dissolved standards applicable					Iron Lead		1000(T)
rsenic(chronic expiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL)	norganic (mg/			Lead	TVS	TVS
rsenic(chronic expiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw.	E. Coli (per 100 mL)	norganic (mg/	 [L)	126	Lead Manganese		TVS TVS
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL)	norganic (mg/	L) acute	126	Lead Manganese Manganese	TVS TVS	TVS TVS WS*
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL)	norganic (mg/	L) acute TVS	chronic TVS	Lead Manganese Manganese Mercury	TVS TVS 	TVS TVS WS* 0.01(t)
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron	norganic (mg/	acute TVS	chronic TVS 0.75	Lead Manganese Manganese Mercury Molybdenum	TVS TVS 	TVS TVS WS* 0.01(t) 160(T)
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron Chloride	norganic (mg/	L) acute TVS	126 chronic TVS 0.75 250	Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS	TVS TVS WS* 0.01(t) 160(T) TVS
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	norganic (mg/	(L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS	TVS TVS WS* 0.01(t) 160(T) TVS TVS
rsenic(chronic expiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS	TVS TVS WS* 0.01(t) 160(T) TVS TVS TVS(tr)
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS* 0.01(t) 160(T) TVS TVS TVS(tr)
rsenic(chronic opiration Date oulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/	TL) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS	TVS TVS WS* 0.01(t) 160(T) TVS TVS TVS(tr)
rsenic(chronic xpiration Date Sulfate(chronic the point of Manganese(c	e of 12/31/2021 ic) = Dissolved standards applicable withdraw. hronic) = Dissolved standards	E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS* 0.01(t) 160(T) TVS TVS TVS(tr)

t = total tr = trout

	Classifications	Physical an	d Biological			Metals (ug/L)	
	Agriculture	rnysicaran	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
CVICVADIC	Recreation E	Temperature C	acute	chronic	Arsenic	340	100(T)
ualifiers:	1.00.000.00	D.O. (mg/L)		6.0	Beryllium		100(1)
•		D.O. (spawning)		7.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
	(mg/m²)(chronic) = applies only above	chlorophyll a (mg/m²)		150*	Chromium III		100(T)
	sted at 32.5(4). chronic) = applies only above the	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
acilities listed		2. Com (per 100 m2)		120	Copper	TVS	TVS
		Inorge	anic (mg/L)		Iron		1000(T)
		inorga	acute	chronic	Lead	TVS	TVS
		 Ammonia			Manganese	TVS	TVS
		Boron	TVS(sa)	TVS(ela) 0.75	Mercury		0.01(t)
		Chloride		0.75	Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
				0.011	Selenium	TVS	TVS
		Cyanide	0.005		Silver	TVS	TVS
		Nitrate	100	0.05	Uranium		
		Nitrite		0.05	Zinc	TVS	TVS
		Phosphorus Sulfate		0.11*		173	173
		Sulfide		0.000			
1h Maineton	n of Cripple Creek from a point 1.5 mile			0.002			
	Classifications	1	d Biological	ζ.		Metals (ug/L)	
	Agriculture	,	DM	MWAT		acute	chronic
eviewable	Aq Life Cold 2	Tomporeture %C					
	Ay Life Colu 2	r remperature C	CS-I	CS-I	Aluminum		
	Recreation E	Temperature °C	CS-I acute	CS-I chronic	Aluminum Arsenic		
	•				Arsenic	 340 	100(T)
ualifiers:	•	D.O. (mg/L)	acute	chronic		340	
ualifiers:	•		acute	chronic 6.0	Arsenic Beryllium	340	100(T)
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	100(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning)	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	340 TVS(tr) TVS	100(T) TVS TVS 100(T)
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) TVS	100(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	340 TVS(tr) TVS TVS	100(T) TVS TVS 100(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS 1000(T)
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 anic (mg/L) acute	chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga	acute 6.5 - 9.0 	chronic 6.0 7.0 126 chronic TVS(elp)	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS(tr) TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS 1000(T)
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp)	chronic 6.0 7.0 126 chronic TVS(elp) 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp)	chronic 6.0 7.0 126 chronic TVS(elp) 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp) 0.019	chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS 100(T) TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp) 0.019 0.005	chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp) 0.019 0.005 100	chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Qualifiers: Other:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp) 0.019 0.005 100	chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS
)ualifiers:	•	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 anic (mg/L) acute TVS(sp) 0.019 0.005 100	chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

	Classifications	ource to the confluence with Cripple Creek Physical and				Metals (ug/L)	
	Agriculture	, , , , , , , , , , , , , , , , , , , ,	DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	11000	11000
	Recreation N		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.0 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	5903	3674
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	3500	600
		Sulfate					
		Sulfide		0.002			
		confluence with Cripple Creek.					
	Classifications	Physical and				Metals (ug/L)	
esignation	Agriculture		DM				chronic
	⊣ ~			MWAT		acute	
P	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	⊣ ~	·	CS-II acute	CS-II chronic	Arsenic		
	Aq Life Cold 2	D.O. (mg/L)	CS-II acute	CS-II chronic 6.0	Arsenic Beryllium	 	200(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning)	CS-II acute 	chronic 6.0 7.0	Arsenic Beryllium Cadmium	 	200(T) 50(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 	200(T) 50(T) 1000(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	 	200(T) 50(T) 1000(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 	200(T) 50(T) 1000(T) 1000(T) 500(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 	200(T) 50(T) 1000(T) 1000(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	 	200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 100(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 630 chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 100(T) 10(T) 160(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 630 chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 100(T) 10(T) 160(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 630 chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 10(T) 160(T) 50(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2	CS-II chronic 6.0 7.0 630 chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 10(T) 160(T) 50(T)
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	CS-II chronic 6.0 7.0 630 chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 10(T) 160(T) 50(T)
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	CS-II chronic 6.0 7.0 630 chronic 5.0 10	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 10(T) 160(T) 50(T)
Qualifiers: Other:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	CS-II chronic 6.0 7.0 630 chronic 5.0 10 0.11	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 10(T) 160(T) 50(T)
)ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	CS-II chronic 6.0 7.0 630 chronic 5.0 10	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium		200(T) 50(T) 1000(T) 1000(T) 500(T) 100(T) 10(T) 160(T) 50(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

COARUA23	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	6.0 Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	E. Coli (per 100 mL)		126	Chromium III		100(T)
Phosphorus(chronic) = applies only above the	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
acilities listed	at 32.5(4).		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine		0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.11*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
	of East and West Beaver Creeks, inclu point of diversion to Brush Hollow Rese		, from the source to	the conflue	nce with Beaver Creek; ma	ainstem of Beaver Cre	eek from the
COARUA24	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		

COARUA24	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

25. Mainstein	,	County) from the headwaters to Section	23, 1205, R05W.		1		
COARUA25	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			,,,
26 Mainstem	of Reaver Creek from the noin	t of diversion for Brush Hollow Reservoi			nsas River		
COARUA26	Classifications	Physical and		with the Arka	ilisas Kiver.	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
101101145.0	Recreation E	Temperature C	acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(1)
-		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		
		, ,		120	Chromium VI	TVS	100(T)
		Inorgan	nic (mg/L)				
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

					_		
COARUA27	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
28. All lakes a	and reservoirs within the Mount Massive	and Collegiate Peaks Wildern					
	and reservoirs within the Mount Massive	e and Coneglate reaks whitein	ess areas.				
	Classifications	Physical and				Metals (ug/L)	
COARUA28		T T		MWAT		Metals (ug/L)	chronic
COARUA28 Designation	Classifications	T T	Biological	MWAT	Aluminum		chronic
COARUA28 Designation	Classifications Agriculture	Physical and	Biological DM		Aluminum Arsenic		
COARUA28 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CL	CL	-	acute	
COARUA28 Designation OW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CL acute	CL chronic	Arsenic	acute 340	 0.02(T)
COARUA28 Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CL acute	CL chronic 6.0	Arsenic Beryllium	acute 340 	 0.02(T)
COARUA28 Designation OW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL acute	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
COARUA28 Designation DW Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COARUA28 Designation OW Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
COARUA28 Designation DW Qualifiers: Other: Cholorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COARUA28 Designation DW Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COARUA28 Designation DW Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute 6.5 - 9.0 nic (mg/L)	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
COARUA28 Designation DW Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COARUA28 Designation DW Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
COARUA28 Designation DW Qualifiers: Other: Inchlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COARUA28 Designation DW Qualifiers: Other: Inchlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
COARUA28 Designation DW Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COARUA28 Designation DW Qualifiers: Other: Cholorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COARUA28 Designation DW Qualifiers: Other: Cholorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL acute (6.5 - 9.0	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COARUA28 Designation DW Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

30.	and reservoirs tributary to the Arkansas	River from the source to immed	diately below the cor	nfluence with	Brown's Creek, except	for specific listings in se	gments 28 and
COARUA29	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	chronic) = applies only to lakes and				Iron		WS
eservoirs larg	er than 25 acres surface area.	Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.05*	Uranium		1 7 3(11)
		·			Zinc	TVS	TVS
		Sulfate		WS		173	173
20 T	December Class Const. December Total	Sulfide		0.002			
30. Turquoise COARUA30	Reservoir, Clear Creek Reservoir, Twi Classifications	Physical and			1	Metals (ug/L)	
Designation	Agriculture	r nysicai and	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CLL	CLL	Aluminum	acute	CHIOTHC
CVICWADIC	Recreation E	Temperature C	acute	chronic	Arsenic	340	0.02
	Water Supply	D.O. (mg/L)		6.0	Beryllium	340	0.02
Qualifiers:	Trace. Supply	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (ug/L)	0.5 - 9.0	8*	Chromium VI	50(1) TVS	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)		126			
	larger than 25 acres surface area. chronic) = applies only to lakes and	E. Coli (per 100 IIIL)		120	Copper	TVS	TVS
	per than 25 acres surface area.				Iron		WS
		Inorgar	nic (mg/L)	 	Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		0.16		WS	Zinc	TVS	TVS
		Sulfate		VVS	i Ziiic	173	1 4 0

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

	s in segments 32 and 34-40.		ilest latius, itom tile	confluence v	nan Bronn o Grook to ta	e inlet to Pueblo Reserv	oir, except ior
COARUA31	Classifications	Physical and	l Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs larg	ger than 25 acres surface area.	Inorgai	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
32. All lakes a	and reservoirs tributary to the South For		rce to the confluence		L ransas River.		
OARUA32	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
uici.		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	s larger than 25 acres surface area. chronic) = applies only to lakes and	, ,			Iron		WS
eservoirs larg	ger than 25 acres surface area.	Inorgai	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
				TVS	Manganese	TVS	TVS
		l Ammonia	IVS				
		Ammonia	TVS		-		WS
		Boron		0.75	Manganese		WS 0.01(t)
		Boron Chloride		0.75 250	-		0.01(t)
		Boron Chloride Chlorine	 0.019	0.75 250 0.011	Manganese Mercury Molybdenum		0.01(t) 160(T)
		Boron Chloride Chlorine Cyanide	 0.019 0.005	0.75 250 0.011	Manganese Mercury Molybdenum Nickel	 TVS	0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate	0.019 0.005	0.75 250 0.011 	Manganese Mercury Molybdenum Nickel Selenium	 TVS TVS	0.01(t) 160(T) TVS TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	0.75 250 0.011 0.05	Manganese Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate	0.019 0.005	0.75 250 0.011 	Manganese Mercury Molybdenum Nickel Selenium	 TVS TVS	0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

33. All lakes and reservoirs tributary to the Arkansas River which are not on National Forest lands, from the confluence with Brown's Creek to the inlet to Pueblo Reservoir, except for specific listings in segments 32 and 34-40.

COARUA33	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	ger than 25 acres surface area.	Inorganic	(mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

34. All lakes and reservoirs tributary to the mainstems of Texas, Badger, Hayden, Hamilton, Stout, and Big Cottonwood Creeks from their sources to their confluences with the Arkansas River. All lakes and reservoirs tributary to the mainstem of Grape Creek from the source to the outlet of DeWeese Reservoir, except for the specific listing in segment 35.

COARUA34	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larç	ger than 25 acres surface area.	Inorganic (r	ng/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

35. DeWeese	Reservoir.							
COARUA35	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	21.3	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	pH		6.5 - 9.0		Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and	chlorophyll a (ug/L)			8	Iron		WS
reservoirs larg	ger than 25 acres surface area.	E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
			norganic (mg/	L)		Manganese	TVS	TVS
				acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.025*			
		Sulfate			WS			
		Sulfide			0.002			

36. All lakes and reservoirs tributary to the mainstem of Currant Creek (Park County) from the source to the confluence with Tallahassee Creek, except lakes and reservoirs tributary to Cottonwood Creek (Fremont County) from a point immediately below the confluence with North Waugh Creek to the intersection with F6 Road. All lakes and reservoirs tributary to the mainstem of Middle Tallahassee Creek from the source to the intersection with Road 23.

COARUA36	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs larg	ger than 25 acres surface area.	Inorganic	(mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

37. All lakes a	and reservoirs tributary to the mainstem	of Fourmile Creek from the source to	the confluer	nce with the Ar	kansas River. This segme	ent includes Wrights R	eservoir.
COARUA37	Classifications	Physical and Biolo	gical		,	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		На	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	ger than 25 acres surface area.	Inorganic (mg	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
38. All lakes a Bison Reserv	and reservoirs tributary to the mainstem	of East and West Beaver Creeks from	n the source	to the conflue	nce with Beaver Creek. T	his segment includes :	Skagway and
COARUA38	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS*	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.				Iron		WS
	n: Bison Reservoir = DUWS	Inorganic (mg	1/L)		Iron		1000(T)
	chronic) = applies only to lakes and	and game (mg	acute	chronic	Lead	TVS	TVS
reservoirs larç	ger than 25 acres surface area.	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
1				0.73	Intuitigatiosc		
		Chloride		250	Mercury Molybdenum		0.01(t)
		Chloride Chlorine	0.019	250 0.011	Mercury Molybdenum		0.01(t) 160(T)
		Chloride Chlorine Cyanide	0.019 0.005	250 0.011 	Mercury Molybdenum Nickel	 TVS	0.01(t) 160(T) TVS
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 10	250 0.011 	Mercury Molybdenum Nickel Selenium	 TVS TVS	0.01(t) 160(T) TVS TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	250 0.011 0.05	Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	0.01(t) 160(T) TVS TVS TVS
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10	250 0.011 0.05 0.025*	Mercury Molybdenum Nickel Selenium Silver Uranium	 TVS TVS TVS	0.01(t) 160(T) TVS TVS TVS(tr)
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	250 0.011 0.05	Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

	and reservoirs tributary to the mainstem	Physical and			T	Metals (ug/l)	
	Agriculture	Priysical and	DM	MWAT		Metals (ug/L)	chronic
Reviewable	Ag Life Cold 1	Tomporature %C			Aluminum		Chronic
Reviewable	Recreation E	Temperature °C	CL acute	CL	Aluminum	240	0.02(T)
	Water Supply	D.O. (ma/l.)				340	0.02(T)
Qualifiers:	water Supply	D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
and reservoirs	larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Iron		WS
· ·		Inorga	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
40. Brush Hol	low Reservoir.	•					
COARUA40	Classifications	Physical and	l Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorga	nic (mg/L)		Copper	TVS	TVS
Phosphorus(d	chronic) = applies only to lakes and		acute	chronic	Iron		WS
eservoirs larg	ger than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
				0.5	Nickel	TVS	TVS
		Nitrite		0.0	1		
		Nitrite Phosphorus		0.083*	Selenium	TVS	TVS
					Selenium Silver	TVS TVS	TVS TVS
		Phosphorus		0.083*			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

COARMA01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
2. Mainstem	of the Arkansas River from the	outlet of Pueblo Reservoir to a point imn	nediately above the	confluence v	with Wildhorse/Dry Creek	Arroyo.	
COARMA02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Γemporary Ν	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chror	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	ate of 12/31/2021				Iron		WS
•		Inorgan	ic (mg/L)		Iron		1000(T)
•							TVC
•			acute	chronic	Lead	IVS	IVS
		Ammonia	acute TVS	TVS	Manganese	TVS	TVS
		Boron		TVS 0.75	Manganese Manganese		TVS WS
			TVS	TVS	Manganese Manganese Mercury	TVS	TVS WS 0.01(t)
		Boron	TVS 	TVS 0.75	Manganese Manganese Mercury Molybdenum	TVS 	TVS WS 0.01(t) 160(T)
		Boron Chloride	TVS 	TVS 0.75 250	Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	TVS WS 0.01(t) 160(T) TVS
		Boron Chloride Chlorine	TVS 0.019	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum	TVS 	TVS WS 0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide	TVS 0.019 0.005	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	TVS WS 0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005	TVS 0.75 250 0.011 	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

3. Mainstem o	or the Arkansas River from a point imme	diately above the confluence wit	h Wildhorse/Dry C	reek Arroyo t	o a point immediately abo	ove the confluence with	n Fountain Creek
COARMA03	Classifications	Physical and I	Biological	,		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni		Inorgani	c (mg/L)		Copper	TVS	TVS
•	e of 12/31/2021		acute	chronic	Iron		WS
•		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	26.3	17.1
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
4a. Mainstem	of Wildhorse Creek from the source to	the confluence with the Arkansa	s River.				
COARMA04A	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium III		100(T)
the facilities lis	ara 37.5(4).				Characterist VII	TVS	TVS
	chronic) = applies only above the	Inorgani	c (mg/L)		Chromium VI	1 7 3	
*Phosphorus(d facilities listed	chronic) = applies only above the at 32.5(4).	Inorgani	c (mg/L) acute	chronic	Copper	TVS	TVS
*Phosphorus(ofacilities listed *Selenium(aculocation at 32.	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4).	Inorgani Ammonia		chronic TVS			TVS 1000(T)
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment		acute		Copper	TVS	
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia	acute TVS	TVS	Copper Iron	TVS	1000(T)
*Phosphorus(ofacilities listed *Selenium(aculocation at 32.	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron	acute TVS	TVS 0.75	Copper Iron Lead	TVS TVS	1000(T) TVS
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron Chloride	acute TVS 	TVS 0.75	Copper Iron Lead Manganese	TVS TVS TVS	1000(T) TVS TVS
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 0.011	Copper Iron Lead Manganese Mercury	TVS TVS TVS	1000(T) TVS TVS 0.01(t)
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS	1000(T) TVS TVS 0.01(t) 160(T)
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005 100	TVS 0.75 0.011 	Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS	1000(T) TVS TVS 0.01(t) 160(T) TVS
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 100	TVS 0.75 0.011 0.05	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS 2376*	1000(T) TVS TVS 0.01(t) 160(T) TVS 2110*
*Phosphorus(dacilities listed *Selenium(aculocation at 32.4 *Selenium(chr	chronic) = applies only above the at 32.5(4). Ite) = See selenium assessment 6(4). onic) = See selenium assessment	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 100	TVS 0.75 0.011 0.05 0.17*	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS 2376*	1000(T) TVS TVS 0.01(t) 160(T) TVS 2110* TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly averaç

COARMANAI	B Classifications	Physical and	onfluence with the A			Metals (ug/L)	
Designation		1 Hysical and	DM	MWAT	,	acute	chronic
UP	Ag Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E	Temperature e	acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
	Modification(s):	E. Coli (per 100 mL)		126	Chromium III		100(T)
-	/ch) = current conditions	, ,	ic (mg/L)		Chromium VI	TVS	TVS
•	n) = current conditions	illorgan	acute	chronic	Copper	TVS	TVS
•	c) = current conditions	Ammonia	TVS	TVS	Iron		1000(T)
•	/ch) = current conditions	Boron		0.75	Lead	TVS	TVS
•	ch) = current conditions (mg/m²)(chronic) = current	Chloride			Manganese	TVS	TVS
conditions	, , ,				Mercury		0.01(t)
Chromium III conditions	(chronic) = current	Chlorine	0.019	0.011	Molybdenum		
Chromium III	(ac/ch) = current	Cyanide	0.005		Nickel	TVS	160(T)
conditions Chromium VI	(ac/ch) = current	Nitrate	100			TVS	TVS
conditions	(do/on)	Nitrite		0.05	Selenium		
Copper(ac/ch	n) = current conditions	Phosphorus		0.17	Silver	TVS	TVS
	te) = current conditions	Sulfate			Uranium		
D.O. (mg/L)(o conditions	chronic) = current	Sulfide		0.002	Zinc	TVS	TVS
	00 mL)(chronic) = current						
Iron(chronic)	= current conditions						
Lead(ac/ch) =	= current conditions						
Manganese(a	ac/ch) = current conditions						
Mercury(chro	onic) = current conditions						
Molybdenum conditions	(chronic) = current						
Nickel(ac/ch)	= current conditions						
Nitrate(acute)) = current conditions						
Nitrite(chronic	c) = current conditions						
pH(acute) = c	current conditions						
Phosphorus(o	chronic) = current						
Selenium(ac/	(ch) = current conditions						
Silver(ac/ch)	= current conditions						
Sulfide(chron	nic) = current conditions						
Zinc(ac/ch) =	current conditions						
Expiration Da	ate of 12/31/2018						

t = total tr = trout

COARMA04C Classifications		Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other: *chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 32.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 32.5(4).		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

t = total tr = trout

4d. All tributaries, including wetlands, to the Arkansas River and Pueblo Reservoir from the inlet to Pueblo Reservoir to the Colorado Canal headgate, except for specific listings in the Fountain Creek Subbasin and in segments 4a, 4b, 4c and 4e through 18b COARMA04D Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Warm 2 WS-II WS-II Temperature °C Aluminum Recreation E 100(T) acute chronic Arsenic Qualifiers: D.O. (mg/L) 5.0 Beryllium 100(T) рΗ 6.5 - 9.0 ---Cadmium 10(T) Other: chlorophyll a (mg/m²) ---150* Chromium III **TVS TVS** *chlorophyll a (mg/m²)(chronic) = applies only above E. Coli (per 100 mL) 126 Chromium III 100(T) --the facilities listed at 32.5(4). *Phosphorus(chronic) = applies only above the Chromium VI 100(T) Inorganic (mg/L) facilities listed at 32.5(4). chronic Copper 200(T) acute Ammonia Iron 100(T) Lead 0.75 Boron Manganese Chloride Mercury Chlorine ---Molybdenum 160(T) Cyanide 0.2 Nickel 200(T) Nitrate 100 ---Selenium 20(T) Nitrite 10 Silver **Phosphorus** 0.17* Sulfate Uranium Zinc 2000(T) Sulfide ---------4e. Golf Course Wash COARMA04E Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Warm 2 Temperature °C WS-II WS-II Aluminum Recreation E 340 100(T) acute chronic Arsenic Qualifiers: D.O. (mg/L) 5.0 Beryllium 100(T) Other: рΗ 6.5 - 9.0Cadmium 10(T) ---150 Chromium III TVS chlorophyll a (mg/m²) **TVS** E. Coli (per 100 mL) 126 Chromium III 100(T) Chromium VI Inorganic (mg/L) 100(T) Copper 200(T) acute chronic TVS TVS Iron Ammonia Lead 100(T) Boron 0.75 Manganese Chloride Chlorine Mercury Molybdenum 160(T) Cyanide 0.2 Nickel 200(T) Nitrate 100 ---Selenium 1797 1769 Nitrite 10 Silver **Phosphorus** 0.17 Sulfate Uranium Zinc Sulfide 2000(T)

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

	of Black Squirrel Creek, including all trib	utaries and wetlands, ironi just t	elow Highway 94	to Squirrei C	TCCK TCGGG.		
COARMA04F	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)		150*	Chromium III		100(T)
	(mg/m²)(chronic) = applies only above ted at 32.5(4).	E. Coli (per 100 mL)		205	Chromium VI		100(T)
Phosphorus(d	chronic) = applies only above the	Inorgani	c (mg/L)		Copper		200(T)
acilities listed	at 32.5(4).		acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17*	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					
1g. Mainstem	of Pesthouse Gulch, from the source to	the confluence with Wildhorse C	Creek.		ļ.		
COARMA04G	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рH	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)		150*	Chromium III		100(T)
	(mg/m^2) (chronic) = applies only above ted at 32.5(4).	E. Coli (per 100 mL)		126	Chromium VI		100(T)
Phosphorus(d	chronic) = applies only above the	Inorgani	c (mg/L)		Copper		200(T)
acilities listed Selenium(acu	at 32.5(4). te) = See selenium assessment		acute	chronic	Iron		
ocation at 32.0	ô(Á).	Ammonia			Lead		100(T)
Selenium(chr ocation at 32.0	onic) = See selenium assessment 6(4).	Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium	389*	369*
		Nitrite		10	Silver		
		Phosphorus		0.17*	Uranium		
		•			-		
		Sulfate			Zinc		2000(T)
		Sulfate Sulfide			Zinc		2000(T)

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

OARMA05A Classifications	Physical and	Biological			Metals (ug/L)	
esignation Agriculture		DM	MWAT		acute	chronic
P Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:	рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
rsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
xpiration Date of 12/31/2021				Iron		WS
	Inorgan	Inorganic (mg/L)				1000(T)
		acute	chronic	Lead	TVS	TVS
	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		WS
	Chloride		250	Mercury		0.01(t)
	Chlorine	0.019	0.011	Molybdenum		160(T)
	Cyanide	0.005		Nickel	TVS	TVS
	Nitrate	10		Selenium	TVS	TVS
	Nitrite		0.05	Silver	TVS	TVS(tr)
	Phosphorus		0.11	Uranium		
	Sulfate		WS	Zinc	TVS	TVS
	Sulfide		0.002			

near Burnt Mill.

COADMACED	Classifications	Dhysical and Diale	minal			Motolo (vall)	
		Physical and Biolo				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	ndification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	e of 12/31/2021				Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

Arroyo.	Classifications	Discontinuit and a set	Diologia-!			Motolo /:#\	
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
chloronhyll a	(mg/m²)(chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
he facilities lis	sted at 32.5(4).	Inorgan	nic (mg/L)		Copper	TVS	TVS
Phosphorus(c acilities listed	chronic) = applies only above the		acute	chronic	Iron		WS
aciiitico iisteu	ut 52.5(4).	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine		0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
6b. Mainstem	of the Saint Charles River from the con	fluence with Edson Arroyo to th	e confluence with the	ne Arkansas	River.		
COARMA06B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Ag Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	· ·				_		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Recreation E Water Supply	D.O. (mg/L)	acute	chronic 5.0	Arsenic Beryllium	340	0.02-10(T) ^A
		D.O. (mg/L) pH					
Qualifiers:				5.0	Beryllium		
Qualifiers: Other:	Water Supply	рН	6.5 - 9.0	5.0	Beryllium Cadmium	TVS	TVS
Qualifiers: Other: Temporary Mo	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III	 TVS 50(T)	TVS TVS
Qualifiers: Other: emporary Moemperature(Demoditions"	Water Supply odification(s): •M/MWAT) = "current"	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III Chromium VI	TVS 50(T) TVS	TVS TVS TVS
Qualifiers: Other: Temporary Moemperature(Donditions"	Water Supply odification(s):	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 sic (mg/L)	5.0 126	Beryllium Cadmium Chromium III Chromium VI Copper	TVS 50(T) TVS TVS	TVS TVS TVS TVS
Qualifiers: Other: Temporary Moreometer (Disponditions) Expiration Date Selenium(acu	water Supply odification(s): pM/MWAT) = "current e of 6/30/2017 tte) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L)	5.0 126 chronic	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS 50(T) TVS TVS	TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Momenture(Donditions'' Expiration Date Selenium(acupocation at 32.6	water Supply odification(s): pM/MWAT) = "current e of 6/30/2017 tte) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 sic (mg/L) acute TVS	5.0 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron	TVS 50(T) TVS TVS	TVS TVS TVS TVS WS
pualifiers: other: emporary Mo emperature(D onditions" expiration Date Selenium(acu cation at 32.6 Selenium(chr	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
pualifiers: other: emporary Mo emperature(D onditions" expiration Date Selenium(acu cation at 32.6 Selenium(chr	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 sic (mg/L) acute TVS	5.0 126 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Description Descr	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 sic (mg/L) acute TVS	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Description Descr	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Qualifiers: Definition Definition Definition Definition Definition Definition Definition Definition Selenium (acu cation at 32.6 Selenium (chr	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Definition Definition Definition Definition Definition Definition Definition Definition Selenium (acu cation at 32.6 Selenium (chr	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 sic (mg/L) acute TVS 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) TVS
Qualifiers: Other: Temporary Moreometric (Disconditions) Expiration Date Selenium(acus ocation at 32.6	water Supply odification(s): M/MWAT) = "current e of 6/30/2017 ate) = See selenium assessment 6(4). onic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS 50*

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

7a. Mainstem of Greenhorn Creek, including all tributaries and wetlands, from the source to the San Isabel National Forest boundary, except for specific listings in segment 1. All tributaries to Muddy Creek, including wetlands, from the source to the San Isabel National Forest boundary, except for specific listings in segment 1. All tributaries to Muddy Creek, including wetlands, from the source to the San Isabel National Forest boundary.

COARMA07A	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

7b. Mainstem of Greenhorn Creek, including all tributaries and wetlands, from the San Isabel National Forest boundary to a point immediately below the Greenhorn Highline (Hayden Supply Ditch) diversion dam. Mainstem of Graneros Creek below the San Isabel National Forest boundary. Muddy Creek, including all tributaries and wetlands, from the San Isabel National Forest boundary to 232/Bondurant Road.

COARMA07B Classifications	Physical and	Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:	рН	6.5 - 9.0		Chromium III	50(T)	TVS
	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
	E. Coli (per 100 mL)		126	Copper	TVS	TVS
				Iron		WS
	Inorgan	ic (mg/L)		Iron		1000(T)
		acute	chronic	Lead	TVS	TVS
	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		WS
	Chloride		250	Mercury		0.01(t)
	Chlorine	0.019	0.011	Molybdenum		160(T)
	Cyanide	0.005		Nickel	TVS	TVS
	Nitrate	10		Selenium	TVS	TVS
	Nitrite		0.05	Silver	TVS	TVS(tr)
	Phosphorus		0.11	Uranium		
	Sulfate		WS	Zinc	TVS	TVS
	Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

8. Deleted.							
COARMA08	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorganic (m	ıg/L)				
			acute	chronic			
	of Greenhorn Creek, from a point imme	, 	. ,	oly Ditch) dive	i .		arles River.
COARMA09	Classifications	Physical and Biole			,	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	Inorganic (m	ıg/L)		Copper	TVS	TVS
Expiration Dat	te of 12/31/2021		acute	chronic	Iron		WS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Ammonia	TVS	TVS	Iron		1000(T)
the facilities lis	sted at 32.5(4).	Boron		0.75	Lead	TVS	TVS
*Phosphorus(facilities listed	chronic) = applies only above the	Chloride		250	Manganese	TVS	TVS
idollilles listed	at 52.5(+).	Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate		700	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
		ĺ			Zinc	TVS	TVS

tr = trout

10. Mainste	m of Sixmile Creek from the sou	irce to the confluence with the Arkansas I	River.				
COARMA1	0 Classifications	Physical and	Biological			Metals (ug/L)	
Designatio	n Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

¹¹a. Mainstem of the Huerfano River including all tributaries and wetlands, from the source to 570 Road near Malachite, except for the specific listings in segment 1. Pass Creek, including all tributaries and wetlands, from the source to 565 Road. Muddy Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Bruff Creek, except for the specific listings in segment 1. Mainstem of Turkey Creek (in Huerfano County) from the source to 620 Road, except for the specific listings in segment 1.

1.					1		
COARMA11A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	ndification(s).	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	e of 12/31/2021				Iron		WS
		Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

and 17.	T				1		
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.03	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide			ZIIIC	173	173
10.14-1	- (1) - (B) - (U)			0.002			
COARMA12	Classifications	yay 69 at Badito to the confluence with the Physical and			1	Metals (ug/L)	
		Priysical and	DM	MWAT	-		chronic
Designation JP	Agriculture	Towns and the SC			A la como inscressor	acute	Chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		100(T)
				chronic	Arsenic	340	100(T)
Vuolifiara	Recreation E	D.O. (m.m/l.)	acute		B		
Qualifiers:	Recreation E	D.O. (mg/L)		5.0	Beryllium		
	Recreation E	рН		5.0	Cadmium	TVS	TVS
	Recreation E	pH chlorophyll a (mg/m²)	 6.5 - 9.0 	5.0 150	Cadmium Chromium III		TVS TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0	Cadmium	TVS TVS	TVS TVS 100(T)
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0 150	Cadmium Chromium III	 TVS TVS TVS	TVS TVS 100(T) TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0 150	Cadmium Chromium III Chromium III	TVS TVS	TVS TVS 100(T) TVS TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	5.0 150 126	Cadmium Chromium III Chromium III Chromium VI	 TVS TVS TVS	TVS TVS 100(T) TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L)	5.0 150 126 chronic	Cadmium Chromium III Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	5.0 150 126 chronic TVS	Cadmium Chromium III Chromium VI Chromium VI Copper Iron	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T)
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	5.0 150 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	 6.5 - 9.0 ic (mg/L) acute TVS 	5.0 150 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	5.0 150 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T)
	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Qualifiers: Other:	Recreation E	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	5.0 150 126 chronic TVS 0.75 0.011 0.5	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

13a. All tributaries, including wetlands, to the Cucharas River within the San Isabel National Forest boundaries, except for the specific listings in segment 1. Mainstem of the Cucharas River, from the source to a point immediately above the confluence with Middle Creek, except for the specific listings in segment 1. Wahatoya Creek, including all tributaries and wetlands, from the source to the confluence with the Cucharas River, except for the specific listings in segment 1. All tributaries to Middle Creek, including wetlands, from the source to a point immediately below the confluence of North and South Middle Creeks.

COARMA13A Clas	ssifications	Physical and Biolo	gical			Metals (ug/L)	
Designation Agri	iculture		DM	MWAT		acute	chronic
Reviewable Aq L	Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Rec	creation E		acute	chronic	Arsenic	340	0.02(T)
Wat	ter Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Modific	cation(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chronic) =	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date of 3	•				Iron		WS
	12,01,2021	Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

13b. Mainstem of the Cucharas River from a point immediately above the confluence with Middle Creek to the point of diversion for the Walsenburg public water supply. All tributaries, including wetlands, to the Cucharas River from the San Isabel National Forest boundary to the point of diversion for the Walsenburg public water supply, except for specific listings in Segment 13a. Mainstem of Middle Creek, including all tributaries and wetlands, from a point immediately below the confluence of North and South Middle Creeks to the confluence with the Cucharas River.

COARMA13B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	· · ·	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	e of 12/31/2021				Iron		WS
•		Inorgani	ic (mg/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).		acute	chronic	Lead	TVS	TVS
Phosphorus(cacilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
aciiilles iisleu	at 32.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
All me	etals are dissolved unless otherwis	Sulfide se noted. D.O. = dissolv	red oxvaen	0.002			

T = total recoverable

t = total tr = trout DM = daily maximum

MWAT = maximum weekly average temperature

14. Mainstein		f diversion for the Walsenburg pu					
COARMA14	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	E. Coli (per 100 mL)		126	Chromium III		100(T)
*Phosphorus(chronic) = applies only above the	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
facilities listed	at 32.5(4).		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
15. Mainstem	of Cucharas River from the outlet of Cu				Zinc	TVS	TVS
	of Cucharas River from the outlet of Cu Classifications		nce with the Huerfa		!	TVS Metals (ug/L)	TVS
COARMA15		Lucharas Reservoir to the conflue	nce with the Huerfa		!		TVS
COARMA15	Classifications	Lucharas Reservoir to the conflue	nce with the Huerfa	ano River.	!	Metals (ug/L)	
COARMA15 Designation	Classifications Agriculture	ucharas Reservoir to the conflue Physical and	nce with the Huerfa Biological DM	ano River.		Metals (ug/L)	chronic
COARMA15 Designation	Classifications Agriculture Aq Life Warm 2	ucharas Reservoir to the conflue Physical and	nce with the Huerfa Biological DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute	chronic
COARMA15 Designation UP	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C	nce with the Huerfa Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic 100(T)
COARMA15 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L)	nce with the Huerfa Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute	chronic 100(T) 100(T)
COARMA15 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH to the conflue	DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute	chronic 100(T) 100(T) 10(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS
COARMA15 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	nce with the Huerfa Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	nce with the Huerfa Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2	MWAT WS-II chronic 5.0 126 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 200(T) 100(T) 160(T)
COARMA15 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	nce with the Huerfa Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	MWAT WS-II chronic 5.0 126 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 100(T) 100(T) 160(T) 200(T)
COARMA15 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nce with the Huerfa Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	MWAT WS-II chronic 5.0 126 chronic 1.75 1.75 1.75 1.75 1.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute TVS	chronic 100(T) 100(T) 10(T) TVS 100(T) 200(T) 100(T) 160(T) 200(T) 200(T)

tr = trout

16. Deleted.					
COARMA16	Classifications	Physical and Biological		Metals (ug/L)	
Designation	_	DM	MWAT	acute	chronic
Qualifiers:		acute	chronic		
Other:					
		Inorganic (mg/L)			
		acute	chronic		
			-	 	

17. All tributaries to Apache Creek, including wetlands, from the source to a point immediately below the confluence of North and South Apache Creeks, except for the specific listings in segment 1. All tributaries, including wetlands, to the Huerfano River above the confluence with the Cucharas River that are within the San Isabel National Forest boundaries, except for the specific listings in segment 1 and 11a.

COARMA17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
`	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

tr = trout

COARMA18A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

18b. Turkey Creek (Pueblo County) from U.S. Highway 50 to Pueblo Reservoir. Unnamed tributary to Arkansas River, that flows from the south and whose confluence with the Arkansas River is located at 38.267623, -104.668298. Mainstem of Rush Creek (Pueblo County) from the source to the confluence with the Arkansas River.

COARMA18B	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	-	acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	* *	Inorganic ((mg/L)		Copper	TVS	TVS
,	e of 12/31/2021		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	2498	2344
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
		İ			Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

19. All lakes a	and reservoirs tributary to the Arkansas	Taver within the oungre	de Chsto, Gree	ennorn, and	Spanish Pea	ks wilderness areas.		
COARMA19	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CL	CL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)			8*	Chromium VI	TVS	TVS
*chlorophyll a and reservoirs	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and					Iron		WS
reservoirs larg	ger than 25 acres surface area.	1	norganic (mg/	/L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium		
ı		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
20. Pueblo Re	eservoir.	!				1		
COARMA20	Classifications	Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 0/01	CLL				
		. oporataro o	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	CLL 23.6	Aluminum Arsenic	 340	 0.02(T)
	Recreation E Water Supply							
						Arsenic	340	0.02(T)
Qualifiers:	Water Supply			CLL	23.6	Arsenic Beryllium	340	0.02(T)
	Water Supply	Temperature °C		CLL	23.6	Arsenic Beryllium Cadmium	340 TVS(tr)	0.02(T) TVS
	Water Supply	Temperature °C D.O. (mg/L)		CLL acute	23.6 chronic 6.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	0.02(T) TVS TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning)		acute	23.6 chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
Other:	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH		acute 6.5 - 9.0	23.6 chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)		acute 6.5 - 9.0	23.6 chronic 6.0 7.0 5*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	4/1 - 12/31	CLL acute 6.5 - 9.0	23.6 chronic 6.0 7.0 5*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		CLL acute 6.5 - 9.0 (L)	23.6 chronic 6.0 7.0 5* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	4/1 - 12/31	acute 6.5 - 9.0 /L) acute	23.6 chronic 6.0 7.0 5* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS T
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	4/1 - 12/31	CLL acute 6.5 - 9.0 (L)	23.6 chronic 6.0 7.0 5* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron	4/1 - 12/31	CLL acute 6.5 - 9.0 /L) acute TVS	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride	4/1 - 12/31	CLL acute 6.5 - 9.0 /L) acute TVS	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	4/1 - 12/31	CLL acute 6.5 - 9.0 /L) acute TVS 0.019	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	4/1 - 12/31	CLL acute 6.5 - 9.0 TL) acute TVS 0.019 0.005	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	4/1 - 12/31	CLL acute 6.5 - 9.0 /L) acute TVS 0.019 0.005 10	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	4/1 - 12/31	CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	4/1 - 12/31	CLL acute 6.5 - 9.0 TL) acute TVS 0.019 0.005 10	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Other: *chlorophyll a	Water Supply DUWS (ug/L)(chronic) = See assessment	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	4/1 - 12/31	CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	23.6 chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

		from the source to the confluence		7111011			
COARMA21	Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	50(T)	TVS
مال بالمحمد والمام	(vell) (characie) — cooling anh to labor	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	Inorgar	nic (mg/L)		Copper	TVS	TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.		acute	chronic	Iron		WS
eservoirs iarų	ger triair 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.083*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
22. All lakes a	and reservoirs tributary to the Saint Cha	rles River from the source to a	point immediately al	oove the CF	&I diversion canal near B	urnt Mill.	
COARMA22	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	abrania
JP						acute	chronic
	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Aq Life Cold 1 Recreation E	Temperature °C	CL acute	CL chronic	Aluminum Arsenic		
	'	Temperature °C D.O. (mg/L)			-		
	Recreation E		acute	chronic	Arsenic		0.02(T)
Qualifiers:	Recreation E	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Beryllium	 340 	0.02(T)
Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	0.02(T) TVS
Qualifiers: Other: chlorophyll a	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute 6.5 - 9.0	6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 aic (mg/L)	chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 sic (mg/L) acute	chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 nic (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron	acute 6.5 - 9.0 sic (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	acute 6.5 - 9.0 sic (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Qualifiers: Other: chlorophyll a nd reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t)
Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: rchlorophyll a and reservoirs	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temp

23. All lakes and reservoirs tributary to Greenhorn Creek from the source to a point immediately below the Greenhorn Highline (Hayden Supply Ditch) diversion dam, except for specific listings in segment 19. All lakes and reservoirs tributary to Graneros Creek from the source to the San Isabel National Forest boundary, except for specific listings in segment 19. All lakes and reservoirs tributary to Muddy Creek from the source to 232/Bondurant Road. Beckwith Reservoir.

COARMA23	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS*	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
*Classification	prophyll a (ug/L)(chronic) = applies only to lake reservoirs larger than 25 acres surface area. ssification: DUWS Applies only to Beckwith	Inorganic	: (mg/L)		Iron		1000(T)
Reservoir *Phosphorus(chronic) = applies only to lakes and		acute	chronic	Lead	TVS	TVS
reservoirs larg	ger than 25 acres surface area.	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

24. All lakes and reservoirs tributary to the Huerfano River from the source to Highway 69 at Badito, except for the specific listings in segment 19. All lakes and reservoirs tributary to the Huerfano River above the confluence with the Cucharas River that are within the San Isabel National Forest boundaries, except for the specific listings in segment 19.

COARMA24	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	sphorus(chronic) = applies only to lakes and rvoirs larger than 25 acres surface area.	Inorganio	: (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COARMA25	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CL	CL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
ualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)			8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
	chronic) = applies only to lakes and					Iron		WS
eservoirs larg	er than 25 acres surface area.		Inorganic (mg/	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
06 Horeacho	e Lake, Martin Lake (Ohem Lake) and	l .	ın I ako		0.002			
COARMA26	Classifications	1	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture	, , ,		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL *	18.8*	Arsenic	340	0.02(T)
	Water Supply	Temperature °C	4/1 - 12/31	CLL *	21.7*	Beryllium		
	DUWS	Temperature °C	41 12/01	CL*	CL*	Cadmium	TVS(tr)	TVS
)ualifiers:	I	Temperature C		OL .	OL	Chromium III	50(T)	TVS
ther:				acute	chronic	Chromium VI	TVS	TVS
ulei:		D.O. (mg/L)			6.0	Copper	TVS	TVS
	(ug/L)(chronic) = applies only to lakes	D.O. (spawning)			7.0	Iron		WS
	larger than 25 acres surface area. chronic) = applies only to lakes and	pH		6.5 - 9.0		Iron		1000(T)
eservoirs larg	er than 25 acres surface area.	chlorophyll a (ug/L)			8*	Lead	TVS	TVS
l emperature MWAT=18.8)	(4/1 - 12/31) = Horseshoe	E. Coli (per 100 mL)			126	Manganese	TVS	TVS
,	(4/1 - 12/31) = Martin (MWAT=21.7)	L. Con (per 100 ml.)			120	Manganese		WS
Гетрегаture	= Walsenburg (MWAT=CL)					-		
			Inorganic (mg/			Mercury Molybdenum		0.01(t)
		.		acute	chronic	-		160(T)
		Ammonia		TVS	TVS	Nickel Selenium	TVS	TVS
		Boron			0.75		TVS	TVS
		Chloride			250	Silver	TVS	TVS(tr)
		Chlorine		0.019	0.011	Uranium		T. (C
		Cyanide		0.005		Zinc	TVS	TVS
		Nitrate		10				
		Nitrite			0.05			
		Phosphorus			0.025*			
All m	etals are dissolved unless otherwi	Sulfate se noted. D.O. =	dissolved ox	vaen	WS			
<i>.</i>	otal recoverable	Sulfide DM -	daily maximu		0.002	1		

t = total tr = trout

27. Teller Res							
COARMA27	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs larg	er than 25 acres surface area.	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
28. Valco Por	ids and Runyon/Fountain Lake.	!			ļ		
COARMA28	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	240	0.02(T)
			acute	CHIOIIIC	,	340	
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	Water Supply	D.O. (mg/L) pH					
Qualifiers:	Water Supply			5.0	Beryllium		
	Water Supply	рН	6.5 - 9.0	5.0	Beryllium Cadmium	TVS(tr)	TVS
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III	 TVS(tr) 50(T)	TVS TVS
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	5.0 126 chronic	Beryllium Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	5.0 126	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	 6.5 - 9.0 ic (mg/L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L) acute TVS	5.0 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS	5.0 126 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS 0.019	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

t = totaltr = trout

in segment 1k							
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
rsenic(chron	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
Lb. Severy Cr	eek and all tributaries from th	ne source to a point just upstream of where	e US Forest Service	e Road 330 c	rosses the stream.		
OARFO01B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
)W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		,			Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		morgan	acute	chronic	Lead	TVS	TVS
		 Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron	172	0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
			0.010		Molybdenum		
		Chlorine	0.019	0.011	Nickel	TVS	160(T)
		Cyanide	0.005				
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate Sulfide		WS	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

		nediately above the confluence with		o a po		ringilway +1 bilage.	
COARFO02A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	nic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	4.8
		Sulfate		290	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
2b. Mainstem	of Fountain Creek from a point imm	nediately above the State Highway	47 Bridge to the con	nfluence with	the Arkansas River.		
COARFO02B	Classifications	Physical and	Biological			Metals (ug/L)	,
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	Α
	Trecreation L			CHIOTIC		340	0.02-10(T) ^A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		0.02-10(T) A
Qualifiers:		D.O. (mg/L) pH					0.02-10(T) A TVS
Qualifiers: Other:				5.0	Beryllium		
		рН	6.5 - 9.0	5.0	Beryllium Cadmium	TVS	TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III	 TVS 50(T)	TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III Chromium VI	TVS 50(T) TVS	TVS TVS TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 nic (mg/L)	5.0 126	Beryllium Cadmium Chromium III Chromium VI Copper	TVS 50(T) TVS TVS	TVS TVS TVS TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute	5.0 126 chronic	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS WS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 nic (mg/L) acute TVS	5.0 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS 50(T) TVS TVS	TVS TVS TVS TVS WS 3300(T)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 nic (mg/L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 3300(T) TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 nic (mg/L) acute TVS	5.0 126 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 3300(T) TVS TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 3300(T) TVS TVS WS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 3300(T) TVS TVS WS 0.01(t)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 3300(T) TVS TVS WS 0.01(t)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 3300(T) TVS TVS WS 0.01(t) 160(T)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS 42.3	TVS TVS TVS TVS WS 3300(T) TVS WS 0.01(t) 160(T) TVS 28.1

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly averaç

3a. All tributaries to Fountain Creek which are within the boundaries of National Forest or Air Force Academy lands, including all wetlands, from a point immediately above the confluence with Monument Creek to the confluence with the Arkansas River, except for the mainstem of Monument Creek in the Air Force Academy lands and specific listings in segment 3b.

Classifications	Physical and	Biological			Metals (ug/L)	
Agriculture		DM	MWAT		acute	chronic
Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	рН	6.5 - 9.0		Chromium III	50(T)	TVS
dification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•				Iron		WS
	Inorgan	ic (mg/L)		Iron		1000(T)
		acute	chronic	Lead	TVS	TVS
	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		WS
	Chloride		250	Mercury		0.01(t)
	Chlorine	0.019	0.011	Molybdenum		160(T)
	Cyanide	0.005		Nickel	TVS	TVS
				Selenium	TVS	TVS
			0.05	Silver	TVS	TVS(tr)
				Uranium		
	·				TVS	TVS
c, and all tributaries, from the		of Gold Camp Road				
Classifications	T i	· · · · · · · · · · · · · · · · · · ·			Metals (ug/L)	
Agriculture		DM	MWAT	,	acute	chronic
Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Recreation E	•	acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	рН	6.5 - 9.0		Chromium III		TVS
difi	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•				Iron		WS
0112/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
		•	chronic	Lead	TVS	TVS
		acute	CHIOHIC			
	 Ammonia				TVS	TVS
	Ammonia Boron	TVS	TVS	Manganese Manganese	TVS 	TVS WS
	Boron	TVS 	TVS 0.75	Manganese Manganese		WS
	Boron Chloride	TVS 	TVS 0.75 250	Manganese Manganese Mercury		WS 0.01(t)
	Boron Chloride Chlorine	TVS 0.019	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum		WS 0.01(t) 160(T)
	Boron Chloride Chlorine Cyanide	TVS 0.019 0.005	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum Nickel	 TVS	WS 0.01(t) 160(T) TVS
	Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum Nickel Selenium	 TVS TVS	WS 0.01(t) 160(T) TVS TVS
	Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	 TVS TVS	WS 0.01(t) 160(T) TVS TVS TVS(tr)
	Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum Nickel Selenium	 TVS TVS	WS 0.01(t) 160(T) TVS TVS
	Recreation E Water Supply diffication(s): c) = hybrid of 12/31/2021 i., and all tributaries, from the Classifications Agriculture Aq Life Cold 1 Recreation E	Recreation E Water Supply D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate Sulfide Aq Life Cold 1 Recreation E Water Supply D.O. (mg/L) D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate Sulfide D.O. (mg/L) D.O. (mg/L) D.O. (spawning) PH chlorophyll a (mg/m²) E. Coli (per 100 mL) diffication(s): Classifications E. Coli (per 100 mL) diffication(s): Classification E. Coli (per 100 mL) diffication(s): Classification E. Coli (per 100 mL)	Recreation E	Recreation E Water Supply D.O. (mg/L) 6.0 D.O. (spawning) 7.0 pH 6.5 - 9.0 chlorophyll a (mg/m²) 150 E. Coli (per 100 mL) 126 Inorganic (mg/L) Inorganic (mg/L) Ammonia TVS TVS Boron 0.75 Chloride 250 Chloride 250 Chloride 250 Chlorine 0.019 0.011 Cyanide 0.005 Nitrate 10 0.05 Phosphorus 0.05 Phosphorus 0.11 Sulfate WS Sulfide 0.002 Inorganic (mg/L) Temperature C CS-I CS-I Recreation E Water Supply D.O. (mg/L) 6.0 Physical and Biological Recreation E Water Supply D.O. (mg/L) 6.0 pH 6.5 - 9.0 150 chlorophyll a (mg/m²) 7.0 pH 6.5 - 9.0 150 chlorophyll a (mg/m²) 7.0 pH 6.5 - 9.0 150 chlorophyll a (mg/m²) 150 E. Coli (per 100 mL) 150 E. Coli (per 100 mL) 150 E. Coli (per 100 mL) 150 E. Coli (per 100 mL) 150	Recreation E	Recreation E Recr

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

4. All tributaries to Fountain Creek which are not within the boundaries of National Forest or Air Force Academy lands, including all wetlands, from a point immediately above the confluence with Manument Creek to the confluence with the Arkansas River, except for specific listings in segments 5 and 6.

COARFO04	Classifications	Physical and Biolo	ogical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	Inorganic (m	g/L)		Copper	TVS	TVS
*Phosphorus(chronic) = applies only above the		acute	chronic	Iron		WS
facilities listed	1 at 32.5(4).	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

5. Marshland on Nash Property (60 acres at 13030 Old Pueblo Road, El Paso County) located in Section 28 T16S R65W; Jimmy Camp Creek from the irrigation diversion east of Old Pueblo Road to its confluence with Fountain Creek; unnamed tributary from the boundary of Fort Carson to the confluence with Fountain Creek; located in S1/2, SW1/4, Section 6 and N1/2. NW1/4, Section 7, T16S, R65W.

COARFO05	Classifications	Physical and Bio	logical		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III		100(T)
		Inorganic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

6. Mainstem o	a						
COARFO06	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
ualifiers:		pH -	6.5 - 9.0		Cadmium	TVS	TVS
ther:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
hlorophyll o	(mg/m²)(obronio) = applies only oboyo	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	Inorgan	ic (mg/L)		Copper		TVS*
Phosphorus(o	chronic) = applies only above the		acute	chronic	Copper	TVS*	
Copper(acute	e) = Copper BLM –based Fixed	Ammonia	TVS	TVS	Iron		WS
	nchmark (FMB) = 28.4µg/L for a subsegment of	Boron		0.75	Iron		1000(T)
	eek from immediately above the Tri-	Chloride		250	Lead	TVS	TVS
akes Wastew ate Boulevar	vater Treatment Facility to the North	Chlorine	0.019	0.011	Manganese	TVS	TVS
Copper(chror	nic) = Copper BLM –based Fixed	Cyanide	0.005		Manganese		WS
	nchmark (FMB) = 17.8µg/L for a subsegment of	Nitrate	10		Mercury		0.01(t)
onument Cre	eek from immediately above the Tri-	Nitrite		0.5	Molybdenum		160(T)
akes Wastev ate Boulevar	vater Treatment Facility to the North	Phosphorus		0.17*	Nickel	TVS	TVS
ale bouleval	u Bliuge.	Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
				0.002	Uranium		
					Zinc	TVS	TVS
a. Pikeview I	Reservoir. Willow Springs Pond #1. and	d Willow Springs Pond #2.					
	Reservoir, Willow Springs Pond #1, and	d Willow Springs Pond #2. Physical and	Biological			Metals (ug/L)	
OARFO07A	1	T	Biological DM	MWAT		Metals (ug/L)	chronic
OARFO07A esignation	Classifications	T		MWAT WL	Aluminum		chronic
OARFO07A esignation	Classifications Agriculture	Physical and	DM		Aluminum Arsenic	acute	
OARFO07A esignation	Classifications Agriculture Aq Life Warm 2	Physical and	DM WL	WL	_	acute	
OARFO07A esignation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	DM WL acute	WL	Arsenic	acute 340	
OARFO07A esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	DM WL acute	WL chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	 0.02(T) TVS
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WL acute 6.5 - 9.0	WL chronic 5.0 	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	 0.02(T) TVS TVS
OARFO07A esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	 0.02(T) TVS TVS
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 	WL chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WL acute 6.5 - 9.0 ic (mg/L) acute	WL chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS	wL chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
OARFO07A esignation ualifiers: ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WL chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	wL chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS US 1000(T) TVS TVS WS 0.01(t)
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	wL chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
OARFO07A esignation P ualifiers: 'ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
OARFO07A esignation ualifiers: ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	wL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
OARFO07A esignation ualifiers: ater + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	### Acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS
oarF007A esignation ualifiers: (ater + Fish ther:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate Sulfide	DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

t = total tr = trout

7b. Prospect I	ake, Quail Lake, and Monument Lake.	<u> </u>					
COARFO07B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
ish Ingestio	n Standards Apply	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
Phosphorus(chronic) = applies only to lakes and		acute	chronic	Copper	TVS	TVS
eservoirs larg	er than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
3. All lakes an n segment 9.	d reservoirs tributary to the mainstem o	of Fountain Creek from the source	e to a point immed	liately above	the confluence with Monu	ıment Creek, except fo	or specific listin
COARFO08	Classifications	Physical and I	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs larg	er than 25 acres surface area.	Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

Boron

Chloride

Chlorine

Cyanide Nitrate

Nitrite

Sulfate

Sulfide

Phosphorus

tr = trout

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum wool

MWAT = maximum weekly average temperature

0.019

0.005

10

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

0.75

250

0.011

0.05

WS

0.025*

0.002

Manganese

Molybdenum

Mercury

Nickel

Silver

Zinc

Selenium

Uranium

WS 0.01(t)

160(T)

TVS

TVS

TVS

TVS(tr)

TVS

TVS

TVS

TVS

COADEOOS	Classifications	Dhysias!	Diological			Motole (ue/l)	
COARFO09	Classifications	Physical and	<u>-</u>	AMAZAT		Metals (ug/L)	
Designation	⊣ ~		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E	/ "	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS*	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
chlorophyll s	a (ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	rs larger than 25 acres surface area.				Iron		WS
Classificatio	n: All reservoirs=DUWS	Inorgai	nic (mg/L)		Iron		1000(T)
	(chronic) = applies only to lakes and rger than 25 acres surface area.		acute	chronic	Lead	TVS	TVS
;servoirs iai	ger than 25 acres surface area.	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Gunate		***			
	and reservoirs tributary to Fountain Creent Creek to the confluence with the Ark						ve the conflue
vith Monume	and reservoirs tributary to Fountain Creent Creek to the confluence with the Ark	ek which are within the boundar	ies of National Fore listings in Segment	est or Air Ford			ve the conflue
vith Monume	ent Creek to the confluence with the Ark Classifications	ek which are within the boundar ansas River, except for specific	ies of National Fore listings in Segment	est or Air Ford		Reservoir.	ve the confluence
vith Monume OARFO10 esignation	ent Creek to the confluence with the Ark Classifications	ek which are within the boundar ansas River, except for specific	ies of National Fore listings in Segment I Biological	est or Air Ford 11. This seg		Reservoir. Metals (ug/L)	
vith Monume OARFO10 esignation	ent Creek to the confluence with the Ark Classifications Agriculture	ek which are within the boundar ansas River, except for specific Physical and	ries of National Fore listings in Segment I Biological DM	est or Air Ford 11. This seg	ment includes Rampart F	Reservoir. Metals (ug/L)	
vith Monume OARFO10 esignation	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1	ek which are within the boundar ansas River, except for specific Physical and	ies of National Fore listings in Segment I Biological DM CL,CLL	est or Air Ford 11. This seg MWAT CL,CLL	ment includes Rampart F	Metals (ug/L) acute	chronic
vith Monume OARFO10 esignation	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E	ek which are within the boundar ansas River, except for specific Physical and Temperature °C	ries of National Fore listings in Segment I Biological DM CL,CLL acute	est or Air Ford 11. This seg MWAT CL,CLL chronic	ment includes Rampart F Aluminum Arsenic	Metals (ug/L) acute	chronic 0.02(T)
vith Monume OARFO10 resignation reviewable	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	ek which are within the boundar ansas River, except for specific Physical and Temperature °C D.O. (mg/L)	ries of National Fore listings in Segment I Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0	Ment includes Rampart F Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
vith Monume OARFO10 resignation reviewable	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	ries of National Fore listings in Segment I Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
vith Monume OARFO10 resignation reviewable reviewable reviewable reviewable	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) D.O. (spawning) pH	ries of National Fore listings in Segment I Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
oarround oarround oarround esignation eviewable ualifiers: ther:	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes	ek which are within the boundar ansas River, except for specific Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
vith Monume OARFO10 resignation reviewable cualifiers: other: chlorophyll a nd reservoir	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
coarround in the coarro	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L)	MWAT CL,CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
coarround in the coarro	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes rs larger than 25 acres surface area. in: Rampart Reservoir = DUWS	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	ies of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic	Ment includes Rampart F Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS WS 1000(T)
coarround in the coarro	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	ies of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS VS TVS TVS TVS TVS
coarround in the coarro	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	ies of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
coarround in the coarro	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ries of National Fore listings in Segment Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Ment includes Rampart F Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
coarround coarro	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	Physical and Physical and Physical and Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
vith Monume COARFO10 Designation Reviewable Qualifiers: Other: chlorophyll a Ind reservoir Classificatio Phosphorus	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	Physical and Physical and Physical and Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	### A Provided HTML ### A Provided HTML	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L)	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
vith Monume COARFO10 Designation Reviewable Qualifiers: Other: chlorophyll a Ind reservoir Classificatio Phosphorus	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	Ek which are within the boundar ansas River, except for specific Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L)	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
vith Monume COARFO10 Designation Reviewable Qualifiers: Other: chlorophyll a Ind reservoir Classificatio Phosphorus	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	D.O. (mg/L) D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgal Ammonia Boron Chloride Cyanide Nitrate Nitrite	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	### A Provided HTML ### A Provided HTML	Ment includes Rampart F Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L)	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
with Monume COARFO10 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoir Classificatio Phosphorus	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	Ek which are within the boundar ansas River, except for specific Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	### A Provided HTML ### A Provided HTML	Ment includes Rampart F Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L)	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
vith Monume COARFO10 Designation Reviewable Qualifiers: Other: chlorophyll a Ind reservoir Classificatio Phosphorus	ent Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. The Reservoir = DUWS Chronic) = applies only to lakes and	D.O. (mg/L) D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgal Ammonia Boron Chloride Cyanide Nitrate Nitrite	ries of National Fore listings in Segment I Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	### A Provided HTML ### A Provided HTML	Ment includes Rampart F Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L)	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

11. AFA Non Potable Reservoir #1 and all lakes and reservoirs tributary to Fountain Creek from a point immediately above the confluence with Monument Creek to the confluence with the Arkansas River, excluding lakes and reservoirs within the boundaries of the National Forest and other lakes on Air Force Academy lands and the specific listings in segments 7a and 7b.

COARFO11	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) ^A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (m	g/L)		Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and		acute	chronic	Iron		WS
reservoirs larg	er than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.083*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide			Uranium		
					Zinc	TVS	TVS

t = total tr = trout

COARLA01A	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	1/1 - 11/30	WS-II	WS-II	Aluminum		
	Recreation E	Temperature °C	12/1 - 12/31	21.5	20.7	Arsenic	340	0.02-10(T) A
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS	TVS
Other:		D.O. (mg/L)			5.0	Chromium III	50(T)	TVS
emporary M	odification(s):	рН		6.5 - 9.0		Chromium VI	TVS	TVS
	ch) = existing quality	chlorophyll a (mg/m²)				Copper	TVS	TVS
•	c) = existing quality	E. Coli (per 100 mL)			126	Iron		WS
-	te of 6/30/2016		norganic (mg/l	L)		Iron		2800(T)
•				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	19.1	14.1
		Nitrite			0.5	Silver	TVS	TVS
		Phosphorus				Uranium		
		Sulfate			329	Zinc	TVS	TVS
		Sulfide			0.002			
1b. Mainstem	of the Arkansas River from the	e Colorado Canal headgate to the	e inlet to John M	lartin Reser	voir.			
COARLA01B	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:		рН		6.5 - 9.0		Cadmium	TVS	TVS
Vater + Fish	Standards Apply	chlorophyll a (mg/m²)				Chromium III	50(T)	TVS
Other:		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
omnorom: 14	odification(s):		norganic (mg/l	L)		Copper	TVS	TVS
EUDOCALA M	()		,	acute	chronic	Iron		WS
. ,	ioj – riybria	Ammonia		TVS	TVS	Iron		1950(T)
Arsenic(chron	te of 12/31/2021	, ammonia				1	TVS	TVS
Arsenic(chron Expiration Dat Selenium(chro	te of 12/31/2021 onic) = "current	Boron			0.75	Lead	173	
Arsenic(chron Expiration Dat Selenium(chro conditions"	onic) = "current				0.75 250	Manganese	TVS	TVS
Arsenic(chron Expiration Dat Selenium(chro onditions"		Boron						
Arsenic(chron Expiration Dat Selenium(chro onditions"	onic) = "current	Boron Chloride			250	Manganese	TVS	TVS
Arsenic(chron Expiration Dat Selenium(chro conditions"	onic) = "current	Boron Chloride Chlorine		0.019	250 0.011	Manganese Manganese	TVS 	TVS WS
Arsenic(chron Expiration Dat Selenium(chro conditions"	onic) = "current	Boron Chloride Chlorine Cyanide Nitrate		0.019 0.005	250 0.011 	Manganese Manganese Mercury	TVS 	TVS WS 0.01(t)
Arsenic(chron Expiration Dat Selenium(chro conditions"	onic) = "current	Boron Chloride Chlorine Cyanide Nitrate Nitrite		0.019 0.005 10	250 0.011 	Manganese Manganese Mercury Molybdenum	TVS 	TVS WS 0.01(t) 160(T)
Arsenic(chron Expiration Dat Selenium(chro conditions"	onic) = "current	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		0.019 0.005 10	250 0.011 0.5	Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	TVS WS 0.01(t) 160(T) TVS
Arsenic(chron Expiration Dat Selenium(chro conditions"	onic) = "current	Boron Chloride Chlorine Cyanide Nitrate Nitrite		0.019 0.005 10	250 0.011 0.5	Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

COARLA01C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Standards Apply	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Other:		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Temporary N	Modification(s):	Inorgan	ic (mg/L)		Copper	TVS	TVS
Arsenic(chror	* *		acute	chronic	Iron		WS
Expiration Da	ate of 12/31/2021	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	190
		Chlorine	0.019	0.011	Manganese		TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		1900	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		j			Zinc	TVS	TVS

2a. All tributaries to the Arkansas River, including wetlands, from the Colorado Canal headgate to the Colorado/Kansas border except for specific listings in segments 2b, 2c, 3a through 9b, and Middle Arkansas Basin listings.

COARLA02A	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic		0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		4.0(T)
Qualifiers:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		630	Chromium VI	50(T)	100(T)
*Phosphorus(d facilities listed	chronic) = applies only above the at 32.5(4).	Inorganic	(mg/L)		Copper		200(T)
			acute	chronic	Iron		WS
		Ammonia			Lead	50(T)	100(T)
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury	2.0(t)	
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		100(T)
		Nitrate	10		Selenium		20(T)
		Nitrite		1.0	Silver		100(T)
		Phosphorus		0.17*	Uranium		
		Sulfate		WS	Zinc		2000(T)
		Sulfide		0.05			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

2b. King Arroy							
COARLA02B	Classifications	Physical and B	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic		200(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Livestock Wa	tering Only	рН	6.5 - 9.0		Cadmium		50(T)
Other:		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		1000(T)
*chlorophyll a (the facilities lis	(mg/m^2) (chronic) = applies only above ted at 32.5(4).	Inorganio	(mg/L)		Chromium VI		1000(T)
*Phosphorus(c	chronic) = applies only above the		acute	chronic	Copper		500(T)
facilities listed	at 32.5(4).	Ammonia			Iron		
		Boron		5.0	Lead		100(T)
		Chloride			Manganese		
		Chlorine			Mercury		10(t)
		Cyanide	0.2		Molybdenum		160(T)
		Nitrate	100		Nickel		
		Nitrite		10	Selenium		50(T)
		Phosphorus		0.17*	Silver		
		Sulfate			Uranium		
		0.15.1			7:		0=000(=)
		Sulfide			Zinc		25000(T)
2c. Mainstem	of Wildhorse Creek, including all tributa						25000(1)
	of Wildhorse Creek, including all tributa		low US Highway 2				25000(1)
COARLA02C	· •	aries, from a point immediately be	low US Highway 2			n Big Sandy Creek.	chronic
COARLA02C Designation	Classifications	aries, from a point immediately be	low US Highway 2	287 in Kit Car		n Big Sandy Creek. Metals (ug/L)	
COARLA02C Designation	Classifications Agriculture	aries, from a point immediately be Physical and E	low US Highway 2 Biological DM	287 in Kit Car	son to the confluence with	n Big Sandy Creek. Metals (ug/L) acute	chronic
COARLA02C Designation UP	Classifications Agriculture Aq Life Warm 2	aries, from a point immediately be Physical and E	low US Highway 2 Biological DM WS-III	287 in Kit Car MWAT WS-III	son to the confluence with	Big Sandy Creek. Metals (ug/L) acute	chronic
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C	low US Highway : siological DM WS-III acute	287 in Kit Car MWAT WS-III chronic	son to the confluence with Aluminum Arsenic	n Big Sandy Creek. Metals (ug/L) acute	chronic 100(T)
COARLA02C	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L)	low US Highway : siological DM WS-III acute	MWAT WS-III chronic 5.0	son to the confluence with Aluminum Arsenic Beryllium	n Big Sandy Creek. Metals (ug/L) acute	chronic 100(T) 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	iow US Highway Siological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Son to the confluence with Aluminum Arsenic Beryllium Cadmium	Big Sandy Creek. Metals (ug/L) acute	chronic 100(T) 100(T) 50(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	low US Highway : siological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Aluminum Arsenic Beryllium Cadmium III	Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	low US Highway : siological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	iow US Highway : iological DM WS-III acute 6.5 - 9.0 c (mg/L)	MWAT WS-III chronic 5.0 630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	aries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	iow US Highway Stiological DM WS-III acute 6.5 - 9.0 c: (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T) 200(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	iow US Highway Stiological DM WS-III acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	low US Highway Stiological DM WS-III acute 6.5 - 9.0 c: (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	iow US Highway in iological DM WS-III acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	ries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	iow US Highway 3 iological DM WS-III acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 200(T) 100(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	aries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	iow US Highway 2 iological DM WS-III acute 6.5 - 9.0 c (mg/L) acute 0.2	MWAT WS-III chronic 5.0 630 chronic 0.75	Son to the confluence with Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T) 100(T) 160(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	aries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate	iow US Highway 2 iological DM WS-III acute 6.5 - 9.0 c: (mg/L) acute 0.2 100	287 in Kit Car MWAT WS-III chronic 5.0 630 chronic 0.75	Son to the confluence with Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 100(T) 100(T) 160(T) 200(T)
COARLA02C Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	aries, from a point immediately be Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	iow US Highway 2 iological DM WS-III acute 6.5 - 9.0 c: (mg/L) acute 0.2 100	### 287 in Kit Car MWAT WS-III Chronic 5.0 630 Chronic 0.75 10	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	n Big Sandy Creek. Metals (ug/L) acute TVS	chronic 100(T) 100(T) 50(T) TVS 100(T) 200(T) 100(T) 160(T) 200(T) 50(T)

tr = trout

3a. Mainstem of the Apishapa River, including all tributaries and wetlands, from the source to I-25, except for specific listings in Middle Arkansas segment 1 and Lower Arkansas segments 3b and 3c.

COARLA03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:	рН	6.5 - 9.0		Chromium III	50(T)	TVS	
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	e of 12/31/2021				Iron		WS
temperature(D	PM/MWAT) = "current	Inorgan	ic (mg/L)		Iron		1000(T)
conditions"	(0/00/0040		acute	chronic	Lead	TVS	TVS
Expiration Dat	e of 6/30/2016	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

3b. Mainstem of West Torrino Canyon Creek, North Fork, Middle Fork and mainstem of Trujillo Creek, Mitotes Canyon Creek, Luis Canyon Creek, Wheeler Canyon Creek, Mauricio Canyon Creek, Daisy Canyon Creek, Adobe Canyon Creek, Gonzales Canyon Creek, Frio Canyon Creek, Borrego Canyon Creek, Munoz Canyon Creek, William Canyon Creek and Castro Canyon Creek, including all tributaries, from their sources to their confluences with the Apishapa River, except for the specific listings in Middle Arkansas segment 1.

COARLA03B	Classifications	Physical and	Biological			Metals (ug/L)	·
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Temporary Mi	odification(s):	E. Coli (per 100 mL)		630	Chromium VI	50(T)	
	M/MWAT) = "current	Inorgan	Inorganic (mg/L)		Copper	200(T)	
onditions"			acute	chronic	Iron		WS
expiration Dat	e of 6/30/2016	Ammonia		0.5	Lead	50(T)	
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury	2.0(T)	
		Chlorine			Mercury		
		Cyanide	0.2		Molybdenum		160(T)
		Nitrate	10		Nickel		100(T)
		Nitrite	1.0		Selenium		20(T)
		Phosphorus		0.17	Silver	100(T)	
		Sulfate		WS	Uranium		
		Sulfide		0.05	Zinc		2000(T)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COADL A02C	Classifications	c including all tributaries from the source to Physical and				Metals (ug/L)	
		Physical and	DM	MWAT			obvonia.
Designation Reviewable	Agriculture Aq Life Cold 2	T			A1	acute	chronic
Reviewable	Recreation E	Temperature °C	CS-II	CS-II chronic	Arania	240	0.02.10(T) A
	Water Supply	D.O. (mg/l.)	acute		Arsenic	340	0.02-10(T) A
Qualifiers:	water Supply	D.O. (mg/L)		6.0	Beryllium		
-		D.O. (spawning)	 6 F 0 O	7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0	150	Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron .		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		WS	
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium 		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
		-25 to the confluence with the Arkansas Ri		impas Creek	from the source to the A		
	Classifications	Physical and	<u>-</u>	1414/AT		Metals (ug/L)	
Designation JP	Agriculture	T	DM	MWAT	A1	acute	chronic
)P	Aq Life Warm 1 Recreation E	Temperature °C	WS-II	WS-II	Aluminum		0.02(T)
	Water Supply	D.O. (mg/l.)	acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	water Suppry	D.O. (mg/L)		5.0	Beryllium		
		pH	6.5 - 9.0	150	Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1805(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

b. Mainstem	of Lorencito Canyon, from the	source to the confluence with the Purga	toire River.					
COARLA04B	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	100(T)	
Qualifiers:		D.O. (mg/L)		5.0	Beryllium			
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS	
emporary Mo	ndification(s):	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS	
	M/MWAT) = "current	E. Coli (per 100 mL)		126	Chromium III		100(T)	
onditions"	,	Inorgan	Inorganic (mg/L)			TVS	TVS	
Expiration Date	e of 6/30/2016		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron		1000(T)	
		Boron		4.0	Lead	TVS	TVS	
		Chloride			Manganese	TVS	TVS	
		Chlorine	0.019	0.011	Mercury		0.01(t)	
		Cyanide	0.005		Molybdenum		160(T)	
		Nitrate	100		Nickel	TVS	TVS	
		Nitrite		0.5	Selenium	TVS	TVS	
		Phosphorus		0.17	Silver	TVS	TVS	
		Sulfate			Uranium			
		Sulfide		0.002	Zinc	TVS	TVS	

5a. Mainstem of the North Fork of the Purgatoire River, including all tributaries and wetlands, from the source to a point immediately below the confluence with Guajatoyah Creek; mainstem of the Middle Fork of the Purgatoire River, including all tributaries and wetlands, from the source to the Bar Ni Ranch Road at Stonewall Gap; Mainstem of the South Fork of the Purgatoire River, including all tributaries and wetlands, from the source to Tercio.

COARLA05A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	re of 12/31/2021				Iron		WS
_,,p.,.a	.5 51 12/51/2021	Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		4.0	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

5b.Mainstem of the North Fork of the Purgatoire River, including all tributaries and wetlands, from a point immediately below the confluence with Guajatoyah Creek to the confluence with the Purgatoire River. Mainstem of the Middle Fork of the Purgatoire River from the Bar Ni Ranch Road at Stonewall Gap to the confluence with the North Fork of the Purgatoire River. Mainstem of the South Fork of the Purgatoire River from Tercio to the confluence with the Purgatoire River. Mainstem of the Purgatoire River to Trinidad Lake. Mainstem of Long Canyon Creek from the source to Trinidad Reservoir.

COARLA05B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	e of 12/31/2021				Iron		WS
emperature(DM/MWAT) = "current		Inorgar	ic (mg/L)		Iron		1000(T)
conditions"	on of 6/20/2016		acute	chronic	Lead	TVS	TVS
Expiration Dat	e of 6/30/2016	Ammonia	TVS	TVS	Manganese	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	Boron		4.0	Manganese		WS
*Phosphorus(d	chronic) = applies only above the	Chloride		250	Mercury		0.01(t)
acilities listed	cilities listed at 32.5(4).	Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
5c. Purgatoire	e mainstem from Trinidad Lake outlet w				nfluence of Purgatoire R	ver.	
	mainstem from Trinidad Lake outlet we		Creek from the sou		nfluence of Purgatoire R	iver. Metals (ug/L)	
COARLA05C		orks to I-25. Mainstem of Raton	Creek from the sou		nfluence of Purgatoire R		chronic
	Classifications	orks to I-25. Mainstem of Raton	Creek from the sou	irce to the co	nfluence of Purgatoire R	Metals (ug/L)	chronic
COARLA05C Designation	Classifications Agriculture	prks to I-25. Mainstem of Raton Physical and	Creek from the sou Biological DM	MWAT		Metals (ug/L)	chronic 0.02(T)
COARLA05C Designation	Classifications Agriculture Aq Life Cold 1	prks to I-25. Mainstem of Raton Physical and	Creek from the sou Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	
COARLA05C Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	orks to I-25. Mainstem of Raton Physical and Temperature °C	Creek from the sou Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute	
COARLA05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	orks to I-25. Mainstem of Raton Physical and Temperature °C D.O. (mg/L)	Creek from the sou Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	0.02(T)
COARLA05C Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	Creek from the sou Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	0.02(T) TVS
COARLA05C Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Creek from the sou Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COARLA05C Designation Reviewable Qualifiers: Other: Femporary Marsenic(chronic)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Creek from the sou Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
COARLA05C Designation Reviewable Qualifiers: Other: Femporary Moreonic Controlic Expiration Data Determine Composition Controlic Expiration Data Determine Composition Controlic Expiration Controlic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Creek from the sou Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COARLA05C Designation Reviewable Qualifiers: Other: Femporary Means of the conditions of the conditions of the conditions of the conditions of the conditions of the conditions of the condition	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 DM/MWAT) = "current	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Creek from the sou Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
COARLA05C Designation Reviewable Qualifiers: Other: Temporary Meansenic(chronic partiation Data perdure(Deconditions) Expiration Data perdure(Deconditions)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 pM/MWAT) = "current te of 6/30/2016	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Creek from the sou Biological DM CS-II acute 6.5 - 9.0 iic (mg/L)	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary Marsenic(chronies) Expiration Data temperature(Deconditions" Expiration Data temperature(Deconditions) Expiration Data technology	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 pM/MWAT) = "current the of 6/30/2016 (mg/m²)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Creek from the south Biological DM CS-II acute 6.5 - 9.0 cic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COARLA05C Designation Reviewable Qualifiers: Other: Temporary Means and the conditions are conditions are conditioned by the facilities list are phosphorus (compositions).	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Creek from the sour Biological DM CS-II acute 6.5 - 9.0 bic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COARLA05C Designation Reviewable Qualifiers: Other: Femporary Means and the conditions are conditions are conditioned as the facilities list are phosphorus (compositions).	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Creek from the sou Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 2.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COARLA05C Designation Reviewable Qualifiers: Other: Temporary Means and the conditions are conditions are conditioned by the facilities list are phosphorus (compositions).	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	Drks to I-25. Mainstem of Raton Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Creek from the sou Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 2.0 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COARLA05C Designation Reviewable Qualifiers: Other: Femporary Means and the conditions are conditions are conditioned as the facilities list are phosphorus (compositions).	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	Drks to I-25. Mainstem of Raton Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	Creek from the sout Biological DM CS-II acute 6.5 - 9.0 lic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 2.0 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COARLA05C Designation Reviewable Qualifiers: Other: Femporary Means and the conditions are conditions are conditioned as the facilities list are phosphorus (compositions).	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	Drks to I-25. Mainstem of Raton Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Creek from the south Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 2.0 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COARLA05C Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronies) Expiration Data temperature(Doconditions) Expiration Data the facilities lise	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	Drks to I-25. Mainstem of Raton Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Creek from the sout Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 2.0 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COARLA05C Designation Reviewable Qualifiers: Other: Temporary Meansenic(chronic Expiration Data temperature(Deconditions'' Expiration Data the facilities list Phosphorus(decond)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 pM/MWAT) = "current ie of 6/30/2016 (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	Drks to I-25. Mainstem of Raton Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Creek from the sout Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 2.0 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COARLA06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
ther:		D.O. (spawning)		7.0	Cadmium		10(T)
	adification(c):	pН	6.5 - 9.0		Chromium III	TVS	TVS
	odification(s): DM/MWAT) = "current	chlorophyll a (mg/m²)		150*	Chromium III		100(T)
onditions"	,	E. Coli (per 100 mL)		126	Chromium VI		100(T)
xpiration Dat	te of 6/30/2016				Copper		200(T)
	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		
ne facilities listed at 32.5(4). Phosphorus(chronic) = applies only above the			acute	chronic	Lead		100(T)
cilities listed		Ammonia			Manganese		
		Boron		4.0	Mercury		
		Chloride			Molybdenum		160(T)
		Chlorine			Nickel		200(T)
		Cyanide	0.2		Selenium		20(T)
		Nitrate	100		Silver		
		Nitrite		10	Uranium		
		Phosphorus		0.11*	Zinc		2000(T)
		Sulfate			İ		
		Sulfide					
Sb.Wet Canvo	on and all tributaries, including wetlands	I	nce with the Purgat	oire River.	ļ		
	Classifications	Physical and					
			Diological			Metals (ug/L)	
	Agriculture	-	DM	MWAT		Metals (ug/L) acute	chronic
esignation	Agriculture Aq Life Cold 2	Temperature °C	<u>_</u>	MWAT CS-II	Aluminum		chronic
esignation	_ ~	Temperature °C	DM		Aluminum Arsenic	acute	
esignation	Aq Life Cold 2	Temperature °C D.O. (mg/L)	DM CS-II	CS-II		acute	
esignation	Aq Life Cold 2 Recreation E		DM CS-II acute	CS-II chronic	Arsenic	acute	0.02-10(T)
esignation P Qualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L)	DM CS-II acute 	CS-II chronic 6.0	Arsenic Beryllium	acute 	0.02-10(T) 4.0(T)
esignation P qualifiers:	Aq Life Cold 2 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 5.0(T)	0.02-10(T) / 4.0(T)
esignation P ualifiers: ther: emporary M	Aq Life Cold 2 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 5.0(T) 50(T)	0.02-10(T) 4.0(T) TVS
esignation Qualifiers: Other: demporary M emperature(C onditions"	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 5.0(T) 50(T)	0.02-10(T) / 4.0(T)
Qualifiers: Other: Gemporary Memperature(Conditions)	Aq Life Cold 2 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	scute 5.0(T) 50(T) 5	0.02-10(T) // 4.0(T) TVS 100(T) 200(T)
esignation Qualifiers: Other: demporary M emperature(C onditions"	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	scute 5.0(T) 50(T)	 0.02-10(T) // 4.0(T) TVS 100(T) 200(T) WS
esignation Qualifiers: Other: demporary M emperature(C onditions"	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 5.0(T) 50(T) 50(T) 50(T)	0.02-10(T) 4.0(T) 4.0(T) TVS 100(T) 200(T) WS 100(T)
esignation P dualifiers: ether: emporary M emperature(C onditions"	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 5.0(T) 50(T) 50(T) 50(T)	0.02-10(T) 4.0(T) 4.0(T) TVS 100(T) WS 100(T) WS
esignation P rualifiers: ther: emporary M emperature(C onditions"	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM	CS-II chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	scute 5.0(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS
esignation P dualifiers: ether: emporary M emperature(C onditions"	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150 126 chronic 2.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	scute 5.0(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 100(T) TVS
Qualifiers: Other: Gemporary Memperature(Conditions)	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute 	CS-II chronic 6.0 7.0 150 126 chronic 2.0 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 5.0(T) 50(T) 50(T) 50(T) 50(T) 50(T) 50(T) 5 5 5	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T)
Qualifiers: Other: Gemporary Memperature(Conditions)	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute 	CS-II chronic 6.0 7.0 150 126 chronic 2.0 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 5.0(T) 50(T) 50(T) 50(T) 50(T) 50(T) 5 5	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)
Qualifiers: Other: Gemporary Memperature(Conditions)	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2	CS-II chronic 6.0 7.0 150 126 chronic 2.0 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 5.0(T) 50(T) 50(T) 50(T) 100(T)	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)
Qualifiers: Other: Temporary Memperature(Conditions)	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 10	CS-II chronic 6.0 7.0 150 126 chronic 2.0 250 1.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	scute 5.0(T) 50(T) 50(T) 50(T) 100(T) 100(T)	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)
Qualifiers: Other: Temporary Memperature(Conditions)	Aq Life Cold 2 Recreation E Water Supply odification(s): DM/MWAT) = "current"	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 10	CS-II chronic 6.0 7.0 150 126 chronic 2.0 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	scute 5.0(T) 50(T) 50(T) 50(T) 100(T) 100(T)	0.02-10(T) 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

COARLA07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	Inorganic (mg/L)			TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

COARLA08	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

9a. Mainstems of Adobe, Buffalo, Cheyenne, Clay, Gageby, Horse, Two Butte, Wildhorse and Wolf Creeks from their sources to their confluences with the Arkansas River. Mainstems of Chacuacho Creek, San Francisco Creek, Trinchera Creek and Van Bremer Arroyo from their sources to their confluences with the Purgatoire River. Mainstem of Willow Creek from Highway 287 to the confluence with the Arkansas River. Mainstem of Big Sandy Creek from the source to the El Paso/Elbert county line. Mainstem of South Rush Creek from the source to the confluence with Rush Creek. Mainstem of Middle Rush Creek from the source to the confluence with North Rush Creek. North Rush Creek from the source to the confluence with South Rush Creek in Rush Creek; the West May Valley drain from the Fort Lyon Canal to the confluence with the Arkansas River.

COARLA09A	Classifications	Physical and Biolo	gical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorganic (mg	g/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

tr = trout

D.O. = dissolved oxygen

9b. Mainstem of Apache Creek from the source to the confluence with Horse Creek. Mainstem of Breckenridge Creek from the source to the confluence with Horse Creek. Mainstem of Little Horse Creek from the source to the confluence with Horse Creek. Mainstem of Bob Creek from the source to Meredith Reservoir. Mainstem of Big Sandy Creek within Prowers County. Mainstem of Rule Creek from the Bent/Las Animas county line to John Martin Reservoir. Mainstem of Muddy Creek from the south boundary of the Setchfield State Wildlife Area to the confluence with Rule Creek. Mainstem of Caddoa Creek from CC Road to the confluence with the Arkansas River. Mainstem of Cat Creek from the source to the confluence with Apishapa River. Mainstem of Chicosa Creek from the source to the Arkansas River. Mainstem of Smith Canyon from the Otero/Las Animas county line to the confluence with the Purgatoire River. Mainstem of Mud Creek from V Road to the confluence with the Arkansas River. Mainstems of Frijole Creek and Luning Arroyo from their sources to their confluences with the Purgatoire River. Mainstem of Blackwell Arroyo from its source to the confluence with Luning Arroyo. Mainstem of San Isidro Creek from the source to the confluence with San Francisco Creek.

Agriculture Ag Life Warm 2						
Δα Life Warm 2		DM	MWAT		acute	chronic
Aq Liic Waitii Z	Temperature °C	WS-II	WS-II	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02-10(T)
Water Supply	D.O. (mg/L)		5.0	Beryllium		
	pH	6.5 - 9.0		Cadmium	TVS	TVS
	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	Inorganic (mg	ı/L)		Copper	TVS	TVS
		acute	chronic	Iron		WS
	Ammonia	TVS	TVS	Iron		1000(T)
	Boron		0.75	Lead	TVS	TVS
	Chloride		250	Manganese	TVS	TVS
	Chlorine	0.019	0.011	Manganese		WS
	Cyanide	0.005		Mercury		0.01(t)
	Nitrate	10		Molybdenum		160(T)
	Nitrite		0.5	Nickel	TVS	TVS
	Phosphorus		0.17	Selenium	TVS	TVS
	Sulfate		WS	Silver	TVS	TVS
	Sulfide		0.002	Uranium		
				Zinc	TVS	TVS
		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	D.O. (mg/L)	D.O. (mg/L)	D.O. (mg/L)	D.O. (mg/L)

9c. Deleted.				
COARLA9C Classifications	Physical and Biological		Metals (ug/L)	
Designation	DM	MWAT	acute chronic	С
Qualifiers:	acute	chronic		
Other:				
	Inorganic (mg/L)			
	acute	chronic		

tr = trout

COARLA10	voir; Nee Gronda Reservoir. Classifications	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	Filysical allu	DM	MWAT		acute	chronic
eviewable	Ag Life Warm 1	Temperature °C	WL	WL	Aluminum		
reviewable	Recreation E	Temperature C	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
ualifiers:	1,	pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
			ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
		į			Zinc	TVS	TVS
1. John Mar	tin Reservoir.						
OARLA11	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
ther:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
					Silver	TVS	TVS
		Phosphorus			Silvei	173	173
		Phosphorus Sulfate		WS	Uranium		

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

12. Lake Henry, Lake Meridith. COARLA12 Classifications	Physical and	Piological			Motole (ug/L)	
	Physical and				Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:	D.O. (mg/L)		5.0	Beryllium		
Other:	pH	6.5 - 9.0		Cadmium	TVS	TVS
	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	E. Coli (per 100 mL)		126	Chromium III		100(T)
	Inorganic (mg/L)			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	Iron		1000(T)
	Boron		0.75	Lead	TVS	TVS
	Chloride			Manganese	TVS	TVS
	Chlorine	0.019	0.011	Mercury		0.01(t)
	Cyanide	0.005		Molybdenum		160(T)
	Nitrate	100		Nickel	TVS	TVS
	Nitrite		0.5	Selenium	TVS	TVS
	Phosphorus			Silver	TVS	TVS(tr)
	Sulfate			Uranium		
	Sulfide		0.002	Zinc	TVS	TVS

13. American Crystal Reservoir, Chancellor Ponds, Horse Creek Reservoir, Hugo Ponds, Jim Davis Pond, John Robertson Ponds, Karval Lake, Kinney Lake, Kissel Pond, La Junta Kids Pond, Las Animas Kids Pond, Mayhem Pond, Merit Lake, Olney Springs Pond, Otero Pond, Pursley Ponds, Ranch Reservoir, Reynolds Gravel Pit, Pyan Ponds, Thurston Reservoir, Turks Pond, Ramah Reservoir.

COARLA13	Classifications	Physical and Biolo	gical		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic (mg	J/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
1		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

COARLA14	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs lar	ger than 25 acres surface area.	Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

15. All lakes and reservoirs tributary to the mainstem of the North Fork of the Purgatoire River from the source to a point immediately below the confluence with Guajatoyah Creek. All lakes and reservoirs tributary to the Middle Fork of the Purgatoire River from the source to the USGS gage at Stonewall mainstem of the South Fork of the Purgatoire River, from the source to Tercio. Monument Lake, North Lake, Trinidad Lake, Long Canyon Reservoir and Lake Dorothey.

COARLA15	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E	Temperature °C	CLL*	CLL *	Arsenic	340	0.02(T)
	Water Supply				Beryllium		
	DUWS*		acute	chronic	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (mg/L)		6.0	Chromium III	50(T)	TVS
Other:		D.O. (spawning)		7.0	Chromium VI	TVS	TVS
Temporary M	lodification(s):	рН	6.5 - 9.0		Copper	TVS	TVS
temperature(E	DM/MWAT) = "current	chlorophyll a (ug/L)		8*	Iron		WS
conditions"	(0/00/0040	E. Coli (per 100 mL)		126	Iron		1000(T)
Expiration Da	xpiration Date of 6/30/2016				Lead	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	Inorganic ([mg/L)		Manganese	TVS	TVS
*Classification	n: DUWS Applies only to Monument		acute	chronic	Manganese		WS
Lake and Nor	th Lake chronic) = applies only to lakes and	Ammonia	TVS	TVS	Mercury		0.01(t)
	ger than 25 acres surface area.	Boron		0.75	Molybdenum		160(T)
*Temperature	e = Trinidad Reservoir (CLL)	Chloride		250	Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate	10		Uranium		
		Nitrite		0.05	Zinc	TVS	TVS
		Phosphorus		0.025*	1		
		Sulfate		WS			
		Sulfide		0.002	1		
ΔII m	notals are dissolved unless otherwi	e noted DO - dissolved	Lovvaen				

T = total recoverable t = total

tr = trout

DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

		e River from the source to I-25, e			ocginent to and tr.		
COARLA16	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
	Indification(a)	pН	6.5 - 9.0		Chromium III	TVS	TVS
	lodification(s): DM/MWAT) = "current	chlorophyll a (ug/L)		8*	Chromium III		100(T)
conditions"	,	E. Coli (per 100 mL)		126	Chromium VI		100(T)
Expiration Dat	te of 6/30/2016				Copper		200(T)
	(ug/L)(chronic) = applies only to lakes	Inorgani	ic (mg/L)		Iron		
	s larger than 25 acres surface area. chronic) = applies only to lakes and		acute	chronic	Lead		100(T)
	ger than 25 acres surface area.	Ammonia			Manganese		
		Boron		0.75	Mercury		
		Chloride			Molybdenum		160(T)
		Chlorine			Nickel		200(T)
		Cyanide	0.2		Selenium		20(T)
		Nitrate	100		Silver		
		Nitrite		10	Uranium		
		Phosphorus		0.025*	Zinc		2000(T)
		Sulfate			İ		
		Sulfide					
17.All lakes a	nd reservoirs tributary to Wet Canyon,	I from the source to the confluence	e with the Purgatoi	re River.	1		
COARLA17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic		A
							0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		0.02-10(T) ^ 4.0(T)
Qualifiers:	Water Supply	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium		
	Water Supply	-			1		4.0(T)
Other:		D.O. (spawning)		7.0	Cadmium	 5.0(T)	4.0(T)
Other: Temporary M		D.O. (spawning)	6.5 - 9.0	7.0	Cadmium Chromium III	5.0(T) 50(T)	4.0(T) TVS
Other: Temporary Meaning (Deconditions)	lodification(s): DM/MWAT) = "current	D.O. (spawning) pH chlorophyll a (ug/L)	 6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium VI	5.0(T) 50(T) 50(T)	4.0(T) TVS 100(T)
Other: Temporary Meaning (Deconditions)	lodification(s):	D.O. (spawning) pH chlorophyll a (ug/L)	6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium VI Copper	5.0(T) 50(T) 50(T) 	4.0(T) TVS 100(T) 200(T)
Other: Temporary Managementure(Deconditions" Expiration Data *chlorophyll a	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium VI Copper Iron	5.0(T) 50(T) 50(T) 	4.0(T) TVS 100(T) 200(T) WS
Other: Temporary Matemperature(Deconditions" Expiration Data "chlorophyll a and reservoirs"	lodification(s): DM/MWAT) = "current te of 6/30/2016	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	7.0 8* 126	Cadmium Chromium III Chromium VI Copper Iron Lead	5.0(T) 50(T) 50(T) 50(T)	4.0(T) TVS 100(T) 200(T) WS 100(T)
Other: Temporary M. emperature(Deconditions'' Expiration Date of the conditions of	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area.	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 ic (mg/L) acute	7.0 8* 126	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	5.0(T) 50(T) 50(T) 50(T)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS
Other: Temporary M. emperature(Deconditions'' Expiration Date of the conditions of	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0 ic (mg/L) acute	7.0 8* 126 	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS
Other: Temporary Matemperature(Deconditions) Expiration Date Chlorophyll a cand reservoirs Phosphorus(deconditions)	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 ic (mg/L) acute 	7.0 8* 126 chronic 0.75	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T)
Other: Temporary Matemperature(Deconditions) Expiration Data *chlorophyll a and reservoirs *Phosphorus(deconding)	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute 	7.0 8* 126 chronic 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T)
Other: Temporary Matemperature(Deconditions) Expiration Data *chlorophyll a and reservoirs *Phosphorus(deconding)	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute	7.0 8* 126 chronic 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T)
Other: Temporary Matemperature(Deconditions) Expiration Date Chlorophyll a cand reservoirs Phosphorus(deconditions)	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute 0.2	7.0 8* 126 chronic 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t) 100(T)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T)
conditions" Expiration Dat *chlorophyll a and reservoirs *Phosphorus(o	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute 0.2 10	7.0 8* 126 chronic 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t) 100(T)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)
Other: Temporary M. temperature(D conditions" Expiration Dat *chlorophyll a and reservoirs *Phosphorus(d	lodification(s): DM/MWAT) = "current te of 6/30/2016 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute 0.2 10	7.0 8* 126 chronic 0.75 250 0.05	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t) 100(T)	4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

18. All lakes a	and reservoirs tributary to Ricardo Cree	k, which are within Colorado (Co	ostilla and Las Anim	nas Counties)	 All lakes and reservoirs 	tributary to the Canad	an River.	
COARLA18	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	0.02(T)	
	Water Supply	D.O. (mg/L)		6.0	Beryllium			
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS	
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS	
*Phosphorus(chronic) = applies only to lakes and				Iron		WS	
reservoirs larg	jer than 25 acres surface area.	Inorgan	ic (mg/L)		Iron		1000(T)	
			acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS	
		Boron		0.75	Manganese		WS	
		Chloride		250	Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	10		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(tr)	
		Phosphorus		0.025*	Uranium			
		Sulfate		WS	Zinc	TVS	TVS	
		Sulfide		0.002	ĺ			
19. All lakes a	and reservoirs tributary to the Arkansas	River, except for specific listings	s in segments 10-18	8 and Middle	ı Arkansas Basin segmen	ts 19-28.		
COARLA19	Classifications	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	0.02(T)	
	Water Supply	D.O. (mg/L)		5.0	Beryllium			
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS	
Other:		chlorophyll a (ug/L)		20*	Chromium III	50(T)	TVS	
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorgan	ic (mg/L)		Copper	TVS	TVS	
*Phosphorus(chronic) = applies only to lakes and		acute	chronic	Iron		WS	
eservoirs larg	jer than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)	
		Boron		0.75	Lead	TVS	TVS	
		Chloride		250	Manganese	TVS	TVS	
					Manganese		WS	
		Chlorine	0.019	0.011	Manganese			
		Chlorine Cyanide	0.019	0.011	Mercury		0.01(t)	
							0.01(t) 160(T)	
		Cyanide	0.005		Mercury			
		Cyanide Nitrate	0.005 10		Mercury Molybdenum		160(T)	
		Cyanide Nitrate Nitrite	0.005 10 	 0.5	Mercury Molybdenum Nickel	 TVS	160(T) TVS	
		Cyanide Nitrate Nitrite Phosphorus	0.005 10 	 0.5 0.083*	Mercury Molybdenum Nickel Selenium	 TVS TVS	160(T) TVS TVS	

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature
See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

1. Mainstem c	of the Cimarron River, including all tribi	ıtaries and wetlands, in Las Animas,	, Daca, ana i ioi	vers counties	s, except for the specific list	ing in segment 2.	
COARCI01	Classifications	Physical and Bio	ological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		pН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III		100(T)
		Inorganic ((mg/L)		Chromium VI		100(T)
			acute	chronic	Copper		200(T)
		Ammonia			Iron		
		Boron		0.75	Lead		100(T)
		Chloride			Manganese		
		Chlorine			Mercury		
		Cyanide	0.2		Molybdenum		160(T)
		Nitrate	100		Nickel		200(T)
		Nitrite		10	Selenium		20(T)
		Phosphorus		0.17	Silver		
		Sulfate			Uranium		
		Sulfide			Zinc		2000(T)
	of North Carrizo Creek from the source				st Carrizo Creek, to the cor	nfluence with North C	Carrizo Creek;
COARCI02	Cottonwood Creek and Tecolote Cree Classifications	k to the confluence with West Carriz	-	Pond.	1	Metals (ug/L)	
Designation	Agriculture	Filysical and bio	DM		- 10	iiciais (uyr∟)	
UP	- ~			MMAAT	1	acute	chronic
	Δα Life Warm 1	Temperature °C		MWAT WS-II	Aluminum	acute	chronic
1	Aq Life Warm 1 Recreation F	Temperature °C	WS-II	WS-II	Aluminum		
Oualifiers:	Aq Life Warm 1 Recreation E		WS-II acute	WS-II chronic	Arsenic	340	7.6(T)
Qualifiers:	•	D.O. (mg/L)	WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	340 	7.6(T)
Qualifiers: Other:	•	D.O. (mg/L)	WS-II acute 6.5 - 9.0	ws-II chronic 5.0	Arsenic Beryllium Cadmium	 340 TVS	7.6(T) TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²)	WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150	Arsenic Beryllium Cadmium Chromium III	 340 TVS TVS	7.6(T) TVS TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-II acute 6.5 - 9.0 	ws-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium III	 340 TVS TVS	7.6(T) TVS TVS 100(T)
	•	D.O. (mg/L) pH chlorophyll a (mg/m²)	WS-II acute 6.5 - 9.0 (mg/L)	WS-II chronic 5.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (WS-II acute 6.5 - 9.0 (mg/L) acute	WS-II chronic 5.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (WS-II acute 6.5 - 9.0 (mg/L) acute TVS	ws-II chronic 5.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium IV Chromium VI Copper	340 TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron	WS-II acute 6.5 - 9.0 (mg/L) acute	ws-II chronic 5.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride	WS-II acute 6.5 - 9.0 (mg/L) acute TVS	WS-II chronic 5.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine	WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019	ws-II chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide	WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	ws-II chronic 5.0 150 126 chronic TVS 0.75 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS TVS 0.01(t) 160(T) TVS TVS
-	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	ws-II chronic 5.0 150 126 chronic TVS 0.75 0.011 0.5 0.17	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS TVS 0.01(t) TVS TVS TVS
_	•	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	ws-II chronic 5.0 150 126 chronic TVS 0.75 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS TVS 0.01(t) 160(T) TVS TVS

tr = trout

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

3. All lakes an	d reservoirs tributary to the Cimarron F	River.					
COARCI03	Classifications	Physical and Biolo	gical		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Fish Ingestio	n Standards Apply	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (mg/L)			Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and		acute	chronic	Copper	TVS	TVS
reservoirs larg	er than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

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Office of the Attorney General

Tracking number: 2015-00758

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-32

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger

Judeick R. Yage

Solicitor General

January 28, 2016 14:04:31

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-32

Rule title

5 CCR 1002-32 REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN 1 - eff 06/30/2016

Effective date

06/30/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-32

REGULATION NO. 32 CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

. . . .

32.56 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on twelve segments were reviewed.

The Commission took no action on the temporary modifications on the following segments.

Middle Arkansas segment 6b (Lower St Charles River): Temporary modification of the temperature standard. The Commission made no change to the expiration date of 6/30/2017 as the original time allotment was deemed adequate to resolve the uncertainty.

The Commission deleted the temporary modifications on the following segments.

Lower Arkansas segments 3a, 3b, 4b, 5b, 5c, 6a, 6b, 15, 16 and 17: Temporary modification of the temperature standard. The Commission deleted these temporary modifications because they were no longer needed.

The Commission extended the expiration date of temporary modifications on the following segments.

Lower Arkansas segment 1a: Temporary modification of the selenium and sulfate standard. The Commission extended the expiration dates to 12/31/2018 to allow time for the City of Pueblo to pursue a discharger-specific variance (DSV). The Commission reviewed Pueblo's plan for resolving the uncertainty with the underlying standard and found that the remaining uncertainty (the details of the DSV) can be resolved in this time even though all the facets of source control and treatment optimization will not be resolved in this timeframe. The two major tasks for the Division and Pueblo are to develop the Alternative Effluent Limit and to fully articulate the compliance schedule.

The Commission found that keeping the "existing quality" temporary modification in place will not allow any increased impact on the uses of the stream in segment 1a or in waters located downstream. The Commission also notes that if, due to unforeseen circumstances, the City of Pueblo and the Division anticipate that they will be unable to complete the work by January 2018 (to meet the June hearing schedule), an extension of the temporary modification can be considered in the temporary modification rulemaking hearings in December 2016 or December 2017.

The Commission added temporary modifications on the following segment.

Upper Arkansas segment 8b (lower Iowa Gulch): Temporary modification of the temperature, cadmium (chronic) and zinc (chronic) standards: The Commission made no change to the expiration date of 12/31/2017, but expanded the temporary modification to include an acute zinc standard of 754 ug/L, with the same expiration date. Resurrection Mining Company provided data predicting a compliance issue associated with its permitted discharge on segment 8b and there is still uncertainty as to the appropriate acute and chronic standard for segment 8b. The acute value is equal to the 95th percentile of the same data set presented to calculate the chronic temporary modification in the 2013 Basin Hearing. It is understood that Resurrection Mining Company will collect and evaluate additional data during the temporary modification period to better define the uses and appropriate acute and chronic water quality standards for segment 8b.

PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-32

REGULATION NO. 32
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
ARKANSAS RIVER BASIN

APPENDIX 32-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2016

8b. Mainstem	of Iowa Gulch from a point	immediately	below the ASARCO water supply	intake to a point	immediately	below the headgate of t	he Paddock #1 Ditch (I	owa Ditch).
COARUA08B	Classifications		Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		·	DM	MWAT		acute	chronic
UP	Aq Life Cold 2		Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	100(T)
Qualifiers:			D.O. (mg/L)		6.0	Beryllium		
Other:			D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Temporary Mo	mporary Modification(s): dmium(chronic) = 1.6 nperature(DM) = No acute standard 11/1 - 3/3 nperature(MWAT) = 14 11/1 - 3/3		рН	6.5 - 9.0		Chromium III	TVS	TVS
			chlorophyll a (mg/m²)		150	Chromium III		100(T)
`			E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
Zinc(chronic) =	*		Inorganic (mg/L)			Iron		1000(T)
Zinc(acute) = 7	754			acute	chronic	Lead	TVS	TVS
Expiration Date	e of 12/31/2017		Ammonia	TVS	TVS	Manganese	TVS	TVS
			Boron		0.75	Mercury		0.01(t)
			Chloride			Molybdenum		160(T)
			Chlorine	0.019	0.011	Nickel	TVS	TVS
			Cyanide			Selenium	TVS	TVS
			Nitrate	100		Silver	TVS	TVS(tr)
			Nitrite		0.05	Uranium		
			Phosphorus		0.11	Zinc	TVS	TVS
			Sulfate					
			Sulfide		0.002	1		

6b. Mainstem	of the Saint Charles River from the co	onfluence with Edson Arroyo to the	e confluence with th	ne Arkansas I	River.		
COARMA06B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
ther:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	M/MWAT) = "current	Inorganic (mg/L)			Copper	TVS	TVS
conditions"	(0 (0 0 0 0 0 0		acute	chronic	Iron		WS
Expiration Dat	e of 6/30/2017	Ammonia	TVS	TVS	Iron		1000(T)
*Selenium(acu location at 32.	ute) = See selenium assessment	Boron		0.75	Lead	TVS	TVS
*Selenium(chr	onic) = See selenium assessment	Chloride		250	Manganese	TVS	TVS
location at 32.	6(4).	Chlorine		0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	173*	50*
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		İ			Zinc	TVS	TVS

tr = trout

COARLA01A	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	1/1 - 11/30	WS-II	WS-II	Aluminum		
	Recreation E	Temperature °C	12/1 - 12/31	21.5	20.7	Arsenic	340	0.02-10(T) A
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS	TVS
Other:		D.O. (mg/L)			5.0	Chromium III	50(T)	TVS
emporary M	odification(s):	рН		6.5 - 9.0		Chromium VI	TVS	TVS
	h) = existing quality	chlorophyll a (mg/m²)				Copper	TVS	TVS
•	c) = existing quality	E. Coli (per 100 mL)			126	Iron		WS
•	e of 12/31/2018		Inorganic (mg/l	L)		Iron		2800(T)
•				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	19.1	14.1
		Nitrite			0.5	Silver	TVS	TVS
		Phosphorus				Uranium		
		Sulfate			329	Zinc	TVS	TVS
		Sulfide			0.002			
1b. Mainstem	of the Arkansas River from th	e Colorado Canal headgate to the	e inlet to John M	lartin Reser	voir.			
OARLA01B	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Aq Life Warm 2			DM	MWAT		acute	chronic
JP	Agriculture	Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:		рН		6.5 - 9.0		Cadmium	TVS	TVS
Vater + Fish	Standards Apply	chlorophyll a (mg/m²)				Chromium III	50(T)	TVS
Other:		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
emporary M	odification(s):		Inorganic (mg/l	L)		Copper	TVS	TVS
Arsenic(chron	· /			acute	chronic	Iron		WS
•	e of 12/31/2021	Ammonia		TVS	TVS	Iron		1950(T)
	onic) = "current	Boron			0.75	Lead	TVS	TVS
conditions"	e of 6/30/2016	Chloride			250	Manganese	TVS	TVS
-xpiration bat	e 01 0/30/2010	Chlorine		0.019	0.011	Manganese		WS
		Cyanide		0.005		Mercury		0.01(t)
		Nitrate		10		Molybdenum		160(T)
		Nitrite			0.5	Nickel	TVS	TVS
		Phosphorus				Selenium	TVS	TVS
						Cibror	T) (0	T) (O
		Sulfate			902	Silver	TVS	TVS
		Sulfate Sulfide			902 0.002	Uranium	175	

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

3a. Mainstem of the Apishapa River, including all tributaries and wetlands, from the source to I-25, except for specific listings in Middle Arkansas segment 1 and Lower Arkansas segments 3b and 3c.

COARLA03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	, ,				Iron		WS
Expiration Dat	piration Date of 12/31/2021	Inorgani	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	ĺ		

3b. Mainstem of West Torrino Canyon Creek, North Fork, Middle Fork and mainstem of Trujillo Creek, Mitotes Canyon Creek, Luis Canyon Creek, Wheeler Canyon Creek, Mauricio Canyon Creek, Daisy Canyon Creek, Adobe Canyon Creek, Gonzales Canyon Creek, Frio Canyon Creek, Borrego Canyon Creek, Munoz Canyon Creek, William Canyon Creek and Castro Canyon Creek, including all tributaries, from their sources to their confluences with the Apishapa River, except for the specific listings in Middle Arkansas segment 1.

COARLA03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) ^A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		630	Chromium VI	50(T)	
		Inorgan	Inorganic (mg/L)			200(T)	
			acute	chronic	Iron		WS
		Ammonia		0.5	Lead	50(T)	
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury	2.0(T)	
		Chlorine			Mercury		
		Cyanide	0.2		Molybdenum		160(T)
		Nitrate	10		Nickel		100(T)
		Nitrite		1.0	Selenium		20(T)
		Phosphorus		0.17	Silver	100(T)	
		Sulfate		WS	Uranium		
		Sulfide		0.05	Zinc		2000(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

4b. Mainstem	of Lorencito Canyon, from the source	to the confluence with the Purgatoire	River.				
COARLA04B	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	100(T)
		E. Coli (per 100 mL)		126	Chromium III		TVS
		Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		4.0	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

5b.Mainstem of the North Fork of the Purgatoire River, including all tributaries and wetlands, from a point immediately below the confluence with Guajatoyah Creek to the confluence with the Purgatoire River. Mainstem of the Middle Fork of the Purgatoire River from the Bar Ni Ranch Road at Stonewall Gap to the confluence with the North Fork of the Purgatoire River. Mainstem of the South Fork of the Purgatoire River from Tercio to the confluence with the Purgatoire River. Mainstem of the Purgatoire River to Trinidad Lake. Mainstem of Long Canyon Creek from the source to Trinidad Reservoir.

COARLA05B	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni		E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	e of 12/31/2021				Iron		WS
•		Inorganio	(mg/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).		acute	chronic	Lead	TVS	TVS
	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
facilities listed	at 32.5(4).	Boron		4.0	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

	manotom nom minada zano odnot m	orks to 1-25. Mainstern of Raton	Creek from the sou	rce to the co	nfluence of Purgatoire Ri	ver.	
COARLA05C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021				Iron		WS
*chloronhyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		1000(T)
the facilities lis	sted at 32.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(dacilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
	at 52.5(1).	Boron		2.0	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	es to the Purgatoire River, including all	wetlands, from the source to Int	erstate 25, except f	for specific lis	stings in segments 4b, 5a	, 5b, 5c and 6b.	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM				
			DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	acute 	chronic
	Aq Life Cold 2 Recreation E			CS-II chronic	Arsenic		 100(T)
UP Qualifiers:	•	D.O. (mg/L)	CS-II acute	CS-II chronic 6.0	Arsenic Beryllium		100(T) 100(T)
	•	D.O. (mg/L) D.O. (spawning)	CS-II acute 	chronic 6.0 7.0	Arsenic Beryllium Cadmium	 	100(T) 100(T) 10(T)
Qualifiers:	•	D.O. (mg/L) D.O. (spawning) pH	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 	100(T) 100(T) 10(T) 10(T) TVS
Qualifiers: Other:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium III	 	100(T) 100(T) 10(T) 10(T) TVS 100(T)
Qualifiers: Other: *chlorophyll a the facilities lis	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4).	D.O. (mg/L) D.O. (spawning) pH	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	 TVS	100(T) 100(T) 10(T) 10(T) TVS 100(T)
Qualifiers: Other: *chlorophyll a the facilities lis	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 TVS	100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS	100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	TVS	100(T) 100(T) 10(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 150* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS	100(T) 100(T) 10(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-II acute 6.5 - 9.0 cic (mg/L) acute	CS-II chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS	100(T) 100(T) 10(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS	100(T) 100(T) 10(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T) 160(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150* 126 chronic 4.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS	100(T) 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T) 160(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2	CS-II chronic 6.0 7.0 150* 126 chronic 4.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS	100(T) 100(T) 10(T) 10(T) 10(T) 100(T) 100(T) 200(T) 100(T) 160(T) 200(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150* 126 chronic 4.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS	100(T) 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T) 160(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2	CS-II chronic 6.0 7.0 150* 126 chronic 4.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS	100(T) 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T) 200(T) 200(T) 200(T) 200(T) 160(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	CS-II chronic 6.0 7.0 150* 126 chronic 4.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS	100(T) 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T) 160(T) 200(T) 200(T)
Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(o	Recreation E (mg/m²)(chronic) = applies only above sted at 32.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	CS-II chronic 6.0 7.0 150* 126 chronic 4.0 10	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS	100(T) 100(T) 100(T) 10(T) TVS 100(T) 100(T) 200(T) 100(T) 200(T) 200(T) 200(T) 200(T) 160(T) 200(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

6b.Wet Canyo	on and all tributaries, including wet	lands, from the source to the conflue	nce with the Purgat	oire River.			
COARLA06B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		0.02-10(T) ^A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		4.0(T)
Qualifiers:		D.O. (spawning)		7.0	Cadmium	5.0(T)	
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	50(T)	100(T)
		E. Coli (per 100 mL)		126	Copper		200(T)
					Iron		WS
		Inorgan	ic (mg/L)		Lead	50(T)	100(T)
			acute	chronic	Manganese		WS
		Ammonia			Mercury	2.0(t)	
		Boron		2.0	Molybdenum		160(T)
		Chloride		250	Nickel		100(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver	100(T)	
		Nitrate	10		Uranium		
		Nitrite		1.0	Zinc		2000(T)
		Phosphorus		0.11			
		Sulfate		WS			
		Sulfide		0.05			

15. All lakes and reservoirs tributary to the mainstem of the North Fork of the Purgatoire River from the source to a point immediately below the confluence with Guajatoyah Creek. All lakes and reservoirs tributary to the Middle Fork of the Purgatoire River from the source to the USGS gage at Stonewall mainstem of the South Fork of the Purgatoire River, from the source to Tercio. Monument Lake, North Lake, Trinidad Lake, Long Canyon Reservoir and Lake Dorothey.

COARLA15	Classifications	Physical and Biolo	gical		M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	DUWS*	Temperature °C	CLL*	CLL *	Arsenic	340	0.02(T)
	Recreation E				Beryllium		
	Water Supply		acute	chronic	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (mg/L)		6.0	Chromium III	50(T)	TVS
Other:		D.O. (spawning)		7.0	Chromium VI	TVS	TVS
		рН	6.5 - 9.0		Copper	TVS	TVS
		chlorophyll a (ug/L)		8*	Iron		WS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Iron		1000(T)
*Classification	: DUWS Applies only to Monument				Lead	TVS	TVS
Lake and Nort *Phosphorus(tn Lake chronic) = applies only to lakes and	Inorganic (mg/L)			Manganese	TVS	TVS
-	ger than 25 acres surface area.		acute	chronic	Manganese		WS
*Temperature	= Trinidad Reservoir (CLL)	Ammonia	TVS	TVS	Mercury		0.01(t)
		Boron		0.75	Molybdenum		160(T)
		Chloride		250	Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate	10		Uranium		
		Nitrite		0.05	Zinc	TVS	TVS
		Phosphorus		0.025*			
		Sulfate		WS	1		
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

	and reservoirs arbutary to the rangatoric	River from the source to I-25, e	xcept for the speci	tic iistings in	segment 15 and 17.		
COARLA16	Classifications	Physical and		<u> </u>		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (ug/L)		8*	Chromium III		100(T)
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium VI		100(T)
*Phosphorus(d	chronic) = applies only to lakes and				Copper		200(T)
reservoirs larg	er than 25 acres surface area.	Inorgani	c (mg/L)		Iron		
ı			acute	chronic	Lead		100(T)
		Ammonia			Manganese		
		Boron		0.75	Mercury		
		Chloride			Molybdenum		160(T)
		Chlorine			Nickel		200(T)
		Cyanide	0.2		Selenium		20(T)
		Nitrate	100		Silver		
		Nitrite		10	Uranium		
ı		Phosphorus		0.025*	Zinc		2000(T)
		Sulfate					
		Sulfide					
17.All lakes ar	nd reservoirs tributary to Wet Canyon, f	rom the source to the confluence	with the Purgatoi	re River.			
COARLA17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	NAVA/AT			
	1.9		DIVI	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum	acute 	
UP	Aq Life Cold 2 Recreation E	Temperature °C			Aluminum Arsenic		chronic 0.02-10(T) ^A
UP	Aq Life Cold 2	Temperature °C D.O. (mg/L)	CL	CL			
UP Qualifiers:	Aq Life Cold 2 Recreation E		CL acute	CL chronic	Arsenic		 0.02-10(T) ^A
	Aq Life Cold 2 Recreation E	D.O. (mg/L)	CL acute	CL chronic 6.0	Arsenic Beryllium	 	0.02-10(T) A 4.0(T)
Qualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning)	CL acute 	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	 5.0(T)	 0.02-10(T) ^A 4.0(T)
Qualifiers: Other:	Aq Life Cold 2 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 5.0(T) 50(T)	0.02-10(T) A 4.0(T) TVS
Qualifiers: Other: *chlorophyll a	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI	 5.0(T) 50(T) 50(T)	 0.02-10(T) A 4.0(T) TVS 100(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	5.0(T) 50(T) 50(T)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	5.0(T) 50(T) 50(T)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CL acute 6.5 - 9.0 c (mg/L)	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	5.0(T) 50(T) 50(T) 50(T)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CL acute 6.5 - 9.0 c (mg/L) acute	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	5.0(T) 50(T) 50(T) 50(T)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	CL acute 6.5 - 9.0 c (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	CL acute 6.5 - 9.0 c (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 100(T) 100(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	CL acute 6.5 - 9.0 c (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	5.0(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	CL acute 6.5 - 9.0 c (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	5.0(T) 50(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(c	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	CL acute 6.5 - 9.0 c (mg/L) acute 0.2	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	5.0(T) 50(T) 50(T) 50(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	CL acute 6.5 - 9.0 c (mg/L) acute 0.2 10	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	5.0(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T) 100(T)
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Aq Life Cold 2 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CL acute 6.5 - 9.0 c (mg/L) acute 0.2 10	CL chronic 6.0 7.0 8* 126 chronic 0.75 250 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	5.0(T) 50(T) 50(T) 50(T) 2.0(t)	0.02-10(T) A 4.0(T) TVS 100(T) 200(T) WS 100(T) WS 160(T) 100(T) 20(T) 100(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 32.6 for details on TVS, TVS(tr), WS, temperature standards.

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Tracking number: 2015-00515

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-32

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 28, 2016 14:04:04

Cynthia H. Coffman Attorney General by Frederick R. Yarger

Judeick R. Yage

Solicitor General

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-33

Rule title

5 CCR 1002-33 REGULATION NO. 33 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12) 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-33

REGULATION NO. 33 CLASSIFICATIONS AND NUMERIC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12)

33.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

33.2 PURPOSE

These regulations establish classifications and numeric standards for the Colorado River, the Yampa River, and the North Platte River, including all tributaries and standing bodies of water as indicated in section 33.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

33.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See section 33.6). As additional stream segments are classified and numeric standards for designated parameters are assigned for this drainage system, they will be added to or replace the numeric standards in the tables in section 33.6. Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the Basic Standards and Methodologies for Surface Water.

33.4 DEFINITIONS

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

33.5 BASIC STANDARDS

(1) TEMPERATURE

All waters of Region 12 are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) **QUALIFIERS**

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water Fish" are presumptively applied to all Aquatic Life class 1 streams and are applied to Aquatic Life class 2 streams on a case-by-case basis as shown in the tables in 33.6. The column in the tables at 31.11 headed "Fish Ingestion" is presumptively applied to all Aquatic Life class 1 streams which do not have a water supply classification, and are applied to Aquatic Life class 2 streams which do not have a water supply classification, on a case-by-case basis as shown in Tables 33.6.

(3) URANIUM

- (a) All waters of the Upper Colorado River Basin, are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 ug/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 ug/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) NUTRIENTS

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll *a* will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the Upper Colorado and North Platte River Basins. Moreover, pursuant to 31.17(e) nutrient standards will only be adopted for waters upstream of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested

prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012 in the Upper Colorado and North Platte River Basins:

Segment	Permittee	Facility name	Permit No.
COUCUC03	Colorado Dept of Transportation	Grizzly Creek Res Area WWTF	COG588067
COUCUC03	Rock Gardens MHP	Rock Gardens MHP & Campground	COG588083
COUCUC03	Colorado Dept of Transportation	Hanging Lake Res Area WWTF	COG588076
COUCUC03	Colorado Dept of Transportation	Bair Ranch Rest Area	COG588075
COUCUC03	Hermes Group	Two Rivers Village Metro Dist WWTF	COG588070
COUCUC03	Roundup River Ranch	Roundup River Ranch WWTF	COG588116
COUCUC03	Hot Sulphur Springs Town of	Hot Sulphur Springs WWTF	COG588084
COUCUC03	Allegient Management	Ouray Ranch Homeowners Assn WWTF	COG588041
COUCUC06a	C Lazy U Ranch Holdings LLC % Triton Investment Co	C Lazy U Ranch, INC.	COG588072
COUCUC06b	Three Lakes Water and Sanitation District	Willow Creek Lagoons	CO0037681
COUCUC07b	Kremmling Sanitation District	Kremmling Sanitation Dist WWTF	CO0048437
COUCUC10a	Winter Park Water and Sanitation District	Winter Park WSD WWTF	CO0026051
COUCUC10a	Young Life Campaign Inc	Crooked Creek Ranch	CO0045411
COUCUC10a	Colorado Mountain Resort Investors LLC	Devil's Thumb Ranch	CO0046566
COUCUC10a	Tabernash Meadows WSD	Tabernash Meadows WSD WWTF	CO0045501
COUCUC10c	Fraser Town of	Upper Fraser Valley TP	CO0040142
COUCUC10c	Granby Sanitation District	Granby Sanitation District	CO0020699
COUCBL02a	Upper Blue Sanitation Dist	Iowa Hill Water Reclamation	CO0045420
COUCBL08	Dundee Realty USA LLC	Arapahoe Basin Ski Area	CO0023876
COUCBL13	Copper Mountain Consolidated Metro Dist	Copper Mtn Cons Metro District	CO0021598
COUCBL17	Silverthorne/Dillon Joint Sewer Authority	Blue River WWTF	CO0020826
COUCBL22	Frisco Sanitation District	Frisco Sanitation District WWTF	CO0020451
COUCBL22	Snake River WWTF	Summit County Snake River WWTP	CO0029955
COUCBL22	Upper Blue Sanitation District	Farmers Korner WWTF	CO0021539
COUCEA02	Red Cliff Town of	Red Cliff Town of WWTP	CO0021385
COUCEA08	Eagle River WSD	Vail WWTF	CO0021369
COUCEA09a	Eagle River Water & Sanitation Dist	Avon WWTP	CO0024431
COUCEA09a	Eagle River Water & San Dist	Edwards WWTF	CO0037311
COUCEA09b	Eagle Town of	Eagle Town of WWTP	CO0048241
COUCEA09b	Gypsum Town of	Gypsum Town of WWTF	CO0048830
COUCRF03a	Aspen Consolidated Sanitation District	Aspen Consolidated San District	CO0026387
COUCRF03a	Woody Creek Mobile HOA	Woody Creek Mobile Home Park	COG588103
COUCRF03a	Aspen Village Inc c/o Independence Environmental Services	Aspen Village, INC.	COG588085
COUCRF03a	Riversbend HOA	Riverbend Apartments	COG588066
COUCRF03a	Independence Environmental Services	Lazy Glen Homeowners Assoc.	COG588049
COUCRF03a	Basalt SD	Basalt Sanitation District	COG588063
COUCRF03a	Ranch at Roaring Fork c/o	Ranch at Roaring Fork HOA	COG588051

Segment	Permittee	Facility name	Permit No.
	Independence Environmental Services		
COUCRF03a	Carbondale Town of	Carbondale Town of	COG588050
COUCRF03a	Roaring Fork Water and San District	Roaring Fork WSD WWTF	CO0044750
COUCRF03a	Spring Valley SD	Spring Valley SD WWTF	CO0046124
COUCRF03a	Oak Meadows Service Company	Oak Meadows WWTF	CO0045802
COUCRF03c	Sunlight Inc	Sunlight, INC.	CO0038598
COUCRF03c	Mid Valley Metro District	Mid Valley Metro Dist WWTF	COG588105
COUCRF03c	Blue Creek Ranch LLC	Blue Creek Ranch	COG588074
COUCRF03c	H Lazy F LLC	H Lazy F MHP WWTF	COG588035
COUCRF03c	El Rocko Mobile Home Park	El Rocko MHP	COG588029
COUCRF04	Snowmass WSD	Snowmass WSD	CO0023086
COUCRF08	Sopris Engineering LLC	Redstone Castle WWTF	COG588115
COUCRF08	Redstone WSD	Redstone WSD WWTF	CO0046370
COUCNP05b	Walden Town of	Walden Town of WWTF	CO0020788
COUCYA02a	Yampa Town of	Yampa WWTF	CO0030635
COUCYA02a	Routt County	Milner Community WWTF	CO0047449
COUCYA02c	Hayden Town of	Hayden Town WWTF	CO0040959
COUCYA02c	Steamboat Springs City of	Steamboat Springs, City of	CO0020834
COUCYA03	Whiteman School	Whiteman School	CO0031062
COUCYA04	Routt County Phippsburg/Dept of Envir Hlth	Routt CO for Phippsburg Comm WWTF	COG589026
COUCYA07	Oak Creek Town of	Oak Creek, Town of	CO0041106
COUCYA022	Morrison Creek Metropolitan Water and Sanitation District	Morrison Creek Metro WWTF	CO0022969
COUCYA022	Steamboat Lake Water and Sanitation Dist	Steamboat Lake Water & Sanitation Dist WWTF	CO0035556

Prior to May 31, 2022:

- For segments located entirely above these facilities, nutrient standards apply to the entire segment.
- For segments with portions downstream of these facilities, *nutrient standards* only apply above these facilities. A footnote was added to the total phosphorus and chlorophyll a standards in these segments. The footnote references the table of qualified facilities at 33.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A footnote was added to the total phosphorus and chlorophyll a standards in lakes segments as nutrients standards apply only to lakes and reservoirs larger than 25 acres surface area.

33.6 TABLES

(1) <u>Introduction</u>

The numeric standards for various parameters in this regulation and in the tables in Appendix 33-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the tables attached to 31.16. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) Abbreviations:

(a) The following abbreviations are used in this regulation and in the tables in Appendix 33-1:

°C = degrees celsius CL = cold lake temperature tier

CLL = cold large lake temperature tier
CS-I = cold stream temperature tier one
CS-II = cold stream temperature tier two

DM = daily maximum

DUWS = direct use water supply
D.O. = dissolved oxygen
mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters

sc = sculpin sp = spawning

SSE = site-specific equation T = total recoverable

t = total tr = trout

TVS = table value standard ug/l = micrograms per liter UP = use-protected

WAT = weekly average temperature
WL = warm lake temperature tier

WS = water supply

WS-I = warm stream temperature tier one
WS-II = warm stream temperature tier two
WS-III = warm stream temperature tier three
WS-IV = warm stream temperature tier four

(b) In addition, the following abbreviations were used:

Fe(ch) = WSMn(ch) = WSSO₄ = WS

These abbreviations mean: For all surface waters with an actual Water Supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(I) existing quality as of January 1, 2000; or

(ii) Iron = $300 \mu g/l$ (dissolved) Manganese = $50 \mu g/l$ (dissolved)

 $SO_4 = 250 \text{ mg/l}$

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

- (c) Temporary Modification for Water + Fish Chronic Arsenic Standard
 - (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 ug/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
 - (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 ug/l (Trec), expiring on 12/31/2021.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) Table Value Standards

In certain instances in the tables in Appendix 33-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS
(Concentrations in ug/l unless noted)

PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS (2)(3)
Aluminum (Trec)	
Ammonia (4)	Cold Water = (mg/l as N)Total
	$acute = \frac{0.275}{1+10^{7.204-pH}} + \frac{39.0}{1+10^{pH-7.204}}$
	$chronic = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * MIN (2.85, 1.45 * 10^{0.028(25-T)})$

	Warm Water = (mg/l as	N)Total				
	0.	.411	58.4				
	$acute = \frac{1}{1+10^{7}}$.204- <i>pH</i>	$+\frac{58.4}{1+10}PH-7.204$				
	chronic (Sep1 - Mar	31) = $\frac{1}{1}$ $\frac{1}{1}$	$\frac{0.0577}{10^{7.688-pH}} + \frac{2.487}{1 + 10^{pH-7}}$	$\frac{1}{7.688}$ $1 \times 1.45 \times 10^{0.02}$	28*(25- MAX (T,	7))	
Cadmium	Acute = $(1.136672-[ln(hardness) \times (0.041838)]) \times e^{0.9151[ln(hardness)]-3.1485}$ Acute(Trout) = $(1.136672-[ln(hardness) \times (0.041838)]) \times e^{0.9151[ln(hardness)]-3.6236}$						
Chromium III ⁽⁵⁾	Acute= $e^{(0.819[ln(hard)]}$	ness)]+2.5736)	ardness) x(0.041838)]	ухе			
Cilionilani	Chronic=e ^{(0.819[ln(ha}		0)				
	Ginome-c						
Chromium VI ⁽⁵⁾	Acute = 16						
	Chronic = 11	dnocc)] 1 7400)					
Copper	Acute= e <sup>(0.9422[in(hard Chronic= e)(0.8545[in(hard p>		28)				
Lead	Acute (1.46202	[(In hardr	ness)*(0.145712)])* e	1.273[ln(hardness)]-1.46)			
Leau	Chronic=(1.46203	3-[(In hard	dness)* (0.145712)])*	e(1.273[ln(hardness)]-4.70	5)		
Manganese	Acute= e ^{(0.3331[ln(hard}	dness)]+6.4676))				
3	Chronic= e ^{(0.3331 [ln}	(hardness)]+5.8					
Nickel	Acute= e(0.846[in(hardi	ness)]+2.253)					
	Chronic= e ^{(0.846[ln(h)}	ardness)]+0.055	54)				
Selenium ⁽⁶⁾	Acute = 18.4						
	Chronic = 4.6	aardaaca)] 6 E2)					
Silver	Acute= $1/2e^{(1.72[in(h)]}$ Chronic = $e^{(1.72[in(h)]}$	ardness)]-0.52)					
	Chronic = e ^(z) ² [[[(i)]]	α (1.72[ln(hardn	ness)]-10.51)				
Temperature	TEMPERATURE	TIER	SPECIES	APPLICABLE	TEMPERA	TURE	
remperature	TIER	CODE	EXPECTED TO BE	MONTHS	STANDAR	-	
			PRESENT		(MWAT)	(DM)	
	Cold Stream Tier	CS-I	brook trout, cutthroat	June – Sept.	17.0	21.7	
	Cold Stream Tier	CCII	all other cold-water	Oct. – May	9.0	13.0	
	Cold Stream Her	CS-II	species	April – Oct. Nov. – March	18. 3 9.0	23.9 13.0	
	Cold Lake	CL	brook trout, brown	April – Dec.	17.0	21.2	
			trout, cutthroat trout,	Jan. – March	9.0	13.0	
			lake trout, rainbow trout, Arctic grayling, sockeye salmon				
	Cold Large Lake	CLL	brown trout, lake trout,	April – Dec.	18.3	23.8	
	(>100)	14/0 :	rainbow trout	Jan. – March	9.0	13.0	
	Warm Stream Tier I	WS-I	common shiner, Johnny darter,	March – Nov. Dec. – Feb.	24.2 12.1	29.0 14.5	
			orangethroat darter				
	Warm Stream	WS-II	brook stickleback, central stoneroller,	March – Nov.	27.5	28.6	
	Tier II		creek chub, longnose dace, Northern redbelly dace, finescale dace, razorback sucker,	Dec. – Feb.	13.8	14.3	
		1	white cucker				
		WS-III	white sucker	March – Nov.	28.7	31.8	

	Warm Stream Tier III		all other warm-water species	Dec. – Feb.	14.3	15.9	
	Warm Lakes	WL	yellow perch, walleye, pumpkinseed, smallmouth bass, striped bass, white bass, largemouth bass, bluegill, spottail shiner, Northern pike, tiger muskellunge, black crappie, common carp, gizzard shad, sauger, white crappie, wiper.	April – Dec. Jan. – March	26.3 13.2	29.5 14.8	
Uranium	Acute= e <sup>(1.1021[ln(hard Chronic= e)(1.1021[ln(hard p>	lness)]+2.7088) nardness)]+2.23	82)				
Zinc	Acute = 0.978*e ⁽⁰⁾						
	Chronic = 0.986*e (0.9094[In(hardness)]+0.6235) if hardness less than 102 mg/l CaCO						
	Chronic (sculpin)		3				

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 percent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.
- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the Commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 ug/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (7) E.coli criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for E. coli are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.

(9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

(4) Assessment Criteria

The following criteria shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

(a) Yampa River Segment 13d, Dry Creek: Iron Assessment Thresholds and Locations

Mar-Apr, Fe(ch) = 3040(Trec), snowmelt season median values

May-Feb, Fe(ch) = 1110(Trec), no-snowmelt season median values

Assessment locations:

- Seneca II-W Stream Site 7 on Hubberson Gulch (WSH7): located in the middle reaches of Hubberson Gulch
- Seneca II-W Flume Site 1 on Hubberson Gulch (WSHF1): located on Hubberson Gulch just upstream of its confluence with Dry Creek
- Seneca II-W Stream Site 5 on Dry Creek (WSD5): located in the middle reaches of Dry Creek
- (b) Yampa River Segment 13e, Sage Creek: Iron Assessment Thresholds and Locations

Fe(ch) = 1250(Trec), median of all data

Assessment locations:

 Yoast Stream Site 2 on Sage Creek (YSS2): located upstream of the west border of Section 18, T5N, R87W

Fe(ch) = 1000(Trec), median of all data

Assessment locations:

- Seneca II-W Stream Site 3 on Sage Creek (WSSF3): located downstream of the west border of Section 18, T5N, R87W
- (c) Yampa River Segment 13b: Iron Assessment Thresholds and Locations

Middle Creek-

Mar-Jun, Fe(ch) = 2090(Trec), median of all data

Jul-Feb, Fe(ch) = 1000 (Trec)

Foidel Creek, Fe(ch) = 1000(Trec), median of all data

Assessment locations:

- Middle Creek Site G-MC-2/Site 29: located at N40° 23' 48.3", W106° 58' 47.0"
- Foidel Creek Site 14: located at N40° 33' 48.6", W107° 08' 63.5"
- Foidel Creek Site 8: located at N40° 21' 55.7", W107° 02' 43.6"
- Foidel Creek Site 900: located at N40° 23' 24.7". W106° 59' 40.9"
- (5) Stream Classifications and Water Quality Standards Tables

The stream classifications and water quality standards tables in Appendix 33-1 are incorporated herein by reference.

. . . .

33.54 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12), JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

Overall format changes: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

Footnotes regarding a use classification will begin with the heading "Classification..."

- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

Also, since there is more room for information within each segment, footnotes "B" and "C" were replaced with the full text in each segment where these footnotes were applied. Footnote "A" was maintained because the text is too long to be displayed in the "Other" section for each segment where it applies. Footnote "D" was changed to footnote "B" and was maintained because the text is too long to be displayed in the "Other" section.

Constraints of the new format: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made

- The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the concentration of total phosphorus. In the old format, individual phosphorus standards were noted as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3
 - E. Coli (chronic) Regulation #31, Table 1, footnote 7

- D.O. (chronic) Regulation #31, Table 1, footnote 1
- cyanide (acute) Regulation #31, Table 2
- sulfide (chronic) Regulation #31, Table 2
- nitrate (acute) Regulation #31, Table 2
- nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30day average standard in permits and assessments.
- chloride (chronic) Regulation #31, Table 2
- boron (chronic) Regulation #31, Table 2
- sulfate (chronic) Regulation #31, Table 2
- The footnote on Blue River Segment 13 was modified to reduce the text to less than 200 characters, which is the maximum that can be included in the segment. Text longer than 200 characters has to be moved to a footnote outside the segment table (either at the front of the regulation or following the segment tables). The text change is as follows:

"Any water quality based effluent shall not cause or contribute to exceedances of water quality standards adopted to protect downstream uses."

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-33

REGULATION NO. 33
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
UPPER COLORADO RIVER BASIN AND
NORTH PLATTE RIVER (PLANNING REGION 12)

APPENDIX 33-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

REGULATION #33 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Colorado River Basin

COUCUC01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
DW O	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury	_	0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS

		Sulfide		0.002	Zinc		TVS(sc)
2 Mainstem o	f the Colorado River includir	Sulfide	ving into Arapahoe	0.002 National Re	Zinc creation Area		TVS(sc)
2. Mainstem o	f the Colorado River, including Classifications	Sulfide ng all tributaries and wetlands within, or flow Physical and	ving into Arapahoe			Metals (ug/L)	TVS(sc)
		ng all tributaries and wetlands within, or flow	ving into Arapahoe				TVS(sc)
COUCUC02 Designation	Classifications	ng all tributaries and wetlands within, or flow	ving into Arapahoe Biological	National Re		Metals (ug/L)	
COUCUC02 Designation	Classifications Agriculture	ng all tributaries and wetlands within, or flow Physical and	ving into Arapahoe Biological DM	National Re	creatio n Area.	Metals (ug/L)	chronic
COUCUC02 Designation	Classifications Agriculture Aq Life Cold 1	ng all tributaries and wetlands within, or flow Physical and	ving into Arapahoe Biological DM CS-I	MWAT CS-I	creatio n Area.	Metals (ug/L) acute	chronic
COUCUC02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	ng all tributaries and wetlands within, or flow Physical and Temperature °C	ving into Arapahoe Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	wing into Arapahoe Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COUCUC02	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	ving into Arapahoe Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SS 1000(T) TVS TVS TVS WS 0.01(t)
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS US 0.01(t) 160(T)
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 —— 150 126 Chronic TVS 0.75 250 0.011 —— 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SOURT TVS TVS TVS TVS TVS TVS TVS TVS TVS TV
COUCUC02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ving into Arapahoe Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS

3. Mainstem of the Colorado River from the outlet o	Lake Granby to the confluence	with Roaring Fork R	iver.			
COUCUC03 Classifications	Physical and	d Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		-
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)	-	6.0	Beryllium		-
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:	pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Modification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)	-	126	Copper	TVS	TVS
Expiration Date of 12/31/2021				Iron		WS
*chlorophyll a (mg/m²)(chronic) = applies only abov	Inorga	nic (mg/L)		Iron		1000(T)
the facilities listed at 33.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		ws
	Chloride	_	250	Mercury		0.01(t)
	Chlorine	0.019	0.011	Molybdenum		160(T)
	Cyanide	0.005		Nickel	TVS	TVS
	Nitrate	10		Selenium	TVS	TVS
	Nitrite		0.05	Silver	TVS	TVS(tr)
	Phosphorus		0.11*	Uranium		
	Sulfate		WS	Zinc	TVS	TVS
	Sulfide		0.002	Zinc		TVS(sc)
All tributaries to the Colorado River, including all except for those tributaries included in Segments 1 COUCUC04 Classifications		egments 8, 9 and 10a		e Roaring Fork River, w	hich are on National For Metals (ug/L)	est lands,
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:	pH	6.5 - 9.0				
		0.5 - 8.0		Chromium III	50(T)	TVS
Temporary Modification(s):	chlorophyll a (mg/m²)	0.3 - 9.0	 150	Chromium III Chromium VI	50(T) TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid	chlorophyll a (mg/m²) E. Coli (per 100 mL)			Chromium VI		TVS
Arsenic(chronic) = hybrid			150		TVS	TVS TVS
, ,	E. Coli (per 100 mL)		150	Chromium VI Copper	TVS TVS	TVS TVS TVS WS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)	 inic (mg/L)	150 126	Chromium VI Copper Iron	TVS TVS 	TVS TVS TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		150 126 chronic	Chromium VI Copper Iron Iron Lead	TVS TVS 	TVS TVS TVS WS 1000(T)
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia	unic (mg/L) acute TVS	150 126 chronic TVS	Chromium VI Copper Iron	TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)	 inic (mg/L) acute	150 126 chronic	Chromium VI Copper Iron Iron Lead Manganese	TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	acute TVS	150 126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	Inic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	Inic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

5. Deleted.		1			1		
COUCUC05	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	,				
			acute	chronic			
6a All tributari	es to the Colorado River, including all	wetlands from the source to a no	nint immediately ah	ove the confl	uence with the Blue Rive	er and Muddy Creek wh	nich are not d
	t lands, except for specific listings in S			010 001111		or and maday crock, wi	norrare nere
COUCUC06A	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	-	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)		205	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		WS
*chlorophyll a ((mg/m²)(chronic) = applies only above	Inorgani	c (mg/L)		Iron		1000(T)
the facilities lis	ted at 33.5(4). hronic) = applies only above the		acute	chronic	Lead	TVS	TVS
facilities listed	, , , ,	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

COUCUC06B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:	<u> </u>	D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		рН	6.5 - 9.0		Chromium III		100(T)
Phosphorus(dacilities listed	chronic) = applies only above the	chlorophyll a (mg/m²)			Chromium VI		100(T)
aciiilles iisleu	at 33.3(4).	E. Coli (per 100 mL)		630	Copper	200(T)	
					Iron		
		Inorgani	c (mg/L)		Lead		100(T)
		- 3	acute	chronic	Manganese		200(T)
		Ammonia			Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel	200(T)	200(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver		
		Nitrate	100		Uranium		
		Nitrite		0.05	Zinc		2000(T)
		Phosphorus		0.11*			,
		Sulfate					
				0.002			
Sc. Mainstem	of un-named tributary to Willow Cree	Sulfide	 Rd (Sec. 8, T2N, R	0.002	confluence with Willov	v Creek (Sec. 17, T2N, R7	76W).
	of un-named tributary to Willow Cree	Sulfide	Rd (Sec. 8, T2N, R	0.002	confluence with Willov	v Creek (Sec. 17, T2N, R7	76W).
COUCUC06C		Sulfide k from the Willow Creek Reservoir	Rd (Sec. 8, T2N, R	0.002	confluence with Willov	•	-
COUCUC06C Designation	Classifications	Sulfide k from the Willow Creek Reservoir	Rd (Sec. 8, T2N, R Biological	0.002 76W) to the	confluence with Willov	Metals (ug/L)	76W). chronic
OUCUC06C Designation	Classifications Agriculture	Sulfide k from the Willow Creek Reservoir Physical and B	Rd (Sec. 8, T2N, R Biological DM	0.002 76W) to the		Metals (ug/L)	chronic
COUCUC06C Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Sulfide k from the Willow Creek Reservoir Physical and B	Rd (Sec. 8, T2N, R Biological DM CS-II	0.002 76W) to the MWAT CS-II	Aluminum	Metals (ug/L) acute	chronic
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide k from the Willow Creek Reservoir Physical and I Temperature °C	Rd (Sec. 8, T2N, R Biological DM CS-II acute	0.002 76W) to the MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 100(T)
	Classifications Agriculture Aq Life Cold 2	Sulfide k from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L)	Rd (Sec. 8, T2N, R Biological DM CS-II acute	0.002 76W) to the MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 100(T) TVS
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide k from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning)	Rd (Sec. 8, T2N, R Biological DM CS-II acute	0.002 76W) to the MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 100(T) TVS
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0	0.002 76W) to the MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	chronic 100(T) TVS
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0	0.002 76W) to the MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	chronic 100(T) TVS TVS 100(T)
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0	0.002 76W) to the MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) TVS TVS	chronic 100(T) TVS TVS 100(T) TVS
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 	0.002 76W) to the MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	chronic 100(T) TVS TVS 100(T)
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L)	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	Chronic
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t)
OUCUC06C esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	Chronic
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	Chronic 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T) TVS TVS
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide It k from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	Chronic
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Rk from the Willow Creek Reservoir Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 Chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
COUCUC06C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide It k from the Willow Creek Reservoir Physical and E Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Rd (Sec. 8, T2N, R Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	0.002 76W) to the MWAT CS-II chronic 6.0 7.0 630 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T) TVS TVS

7a. All tributaries to the Colorado River, including all wetlands, from a point immediately above the confluence with the Blue River and Muddy Creek to a point immediately below the confluence with the Roaring Fork River, which are not on National Forest lands, except for specific listings in Segment 7b, 7c and in the Blue River, Eagle River, and Roaring Fork River basins.

COUCUC07A	Classifications	Physical and Biolog	ical		М	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	_	
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chronic	* *	E. Coli (per 100 mL)		630	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		ws
		Inorganic (mg/	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		ws
		Chloride		250	Mercury	-	0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
71. 14 : 1	(M. 11. O. 11. 11. 11. 11. 11. 11. 11. 11.	Sulfide		0.002			

7b. Mainstem of Muddy Creek, including all tributaries and wetlands, from the outlet of Wolford Mountain Reservoir to the confluence with the Colorado River; mainstems of Rock Creek, Deep Creek, Sheephorn Creek, Sweetwater Creek and the Piney River, including all tributaries and wetlands, from their sources to their confluences with the Colorado River, which are not on National Forest lands.

COUCUC07B	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		WS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (m	ıg/L)		Iron		1000(T)
the facilities lis	ited at 33.5(4).		acute	chronic	Lead	TVS	TVS
*Pnospnorus(c	chronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		ws
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

7c. Mainstem of Muddy Creek from the source to a point immediately below the confluence with Eastern Gulch as well as all tributaries to and wetlands of Muddy Creek from the source to the outlet of Wolford Mountain Reservoir, except for listings in Segment 4. The mainstems of Derby, Blacktail, Cabin, and Red Dirt Creeks (all below Wolford Mountain Reservoir), including all tributaries and wetlands, from their sources to their confluences with the Colorado River, except for listings in Segment 4.

COUCUC07C	Classifications	Physical and Biological		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		ws
		Chloride		250	Mercury	_	0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

8. Mainstem of the Williams Fork River, including all tributaries and wetlands from the source to the confluence with the Colorado River, except for those tributaries listed in Segment 9.

COUCUC08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	re of 12/31/2021				Iron		WS*
*Iron(chronic)	= Point of compliance at Aspen	Inorganic (mg/L)			Iron		1000(T)
Canyon Ranc	h well.		acute	chronic	Lead	TVS	TVS
Aspen Canyo	chronic) = Point of compliance at n Ranch well.	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS*
		Chloride	_	250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		190(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

COUCUC09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

10a. Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge. All tributaries to the Fraser River, including wetlands, from the source to the confluence with the Colorado River, except for those tributaries included in Segment 9.

COUCUC10A	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		WS
*chlorophyll a ((mg/m ²)(chronic) = applies only above	Inorganic (mg/L)		Iron		1000(T)	
the facilities lis	ted at 33.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(c facilities listed	hronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride	_	250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

COUCUC10B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		0.15.1					
		Sulfide		0.002	Zinc		TVS(sc)
10c. Mainstem	of the Fraser River from a p	point immediately below the Hammond Ditc					TVS(sc)
	of the Fraser River from a p		h to the confluence			Metals (ug/L)	TVS(sc)
COUCUC10C		Doint immediately below the Hammond Ditc	h to the confluence				TVS(sc)
COUCUC10C Designation	Classifications	Doint immediately below the Hammond Ditc	h to the confluence Biological	with the Col		Metals (ug/L)	
COUCUC10C	Classifications Agriculture	point immediately below the Hammond Ditc	h to the confluence Biological DM	with the Col	orado River.	Metals (ug/L)	chronic
COUCUC10C Designation	Classifications Agriculture Aq Life Cold 1	point immediately below the Hammond Ditc	h to the confluence Biological DM CS-II	with the Col	lorado River.	Metals (ug/L) acute	chronic
COUCUC10C Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	ooint immediately below the Hammond Ditc Physical and I Temperature °C	h to the confluence Biological DM CS-II acute	with the Col MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COUCUC10C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	b to the confluence Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COUCUC10C Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	h to the confluence Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
COUCUC10C Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	n to the confluence Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Dooint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	h to the confluence Biological DM CS-II acute 6.5 - 9.0	with the Col MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Dooint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	h to the confluence Biological DM CS-II acute 6.5 - 9.0	with the Col MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	h to the confluence Biological DM CS-II acute 6.5 - 9.0	with the Col MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS VS TVS US TVS US
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L)	with the Col MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS VS
COUCUC10C Designation Reviewable Qualifiers: Other: Femporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Dooint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute	with the Col MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Femporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Dooint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	with the Col MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	with the Col MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Dooint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	with the Col MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS US 0.01(t)
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	with the Col MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS US 0.01(t) 160(T)
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	with the Col MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS STVS TVS US 1000(T) TVS US 0.01(t) 160(T) TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	with the Col MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS STVS TVS US 1000(T) TVS US 0.01(t) 160(T) TVS TVS
COUCUC10C Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid	Doint immediately below the Hammond Ditc Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	h to the confluence Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	with the Col MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS

11. All lakes a	nd reservoirs within Rocky Mountain N	ational Park and within the Never S	ummer, Indian F	Peaks, Byers,	Vasquez, Eagles Nest a	nd Flat Tops Wildernes	ss Areas.
COUCUC11	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	-	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	chronic) = applies only to lakes and				Iron		WS
eservoirs rarg	er than 25 acres surface area.	Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

MWAT 19.3* B Aluminum 19.6* B Arsenic CL,CLL Beryllium chronic Cadmium 4* Chromium III	Metals (ug/L) acute 340	chronic 0.02(T)
19.3* B Aluminum 19.6* B Arsenic CL,CLL Beryllium chronic Cadmium	 340	
19.6* B Arsenic CL,CLL Beryllium chronic Cadmium		0.02(T)
CL,CLL Beryllium chronic Cadmium		0.02(T)
chronic Cadmium		0.02(1)
	TVS(tr)	TVS
	50(T)	TVS
arrative* Chromium VI	TVS	TVS
6.0 Copper	TVS	TVS
7.0 Iron		WS
Iron		1000(T)
8* Lead	TVS	TVS
126 Manganese	TVS	TVS
Manganese		WS
Mercury		0.01(t)
chronic Molybdenum		160(T)
TVS Nickel	TVS	TVS
0.75 Selenium	TVS	TVS
250 Silver	TVS	TVS(tr)
0.011 Uranium		
Zinc	TVS	TVS
0.05		
0.025*		
WS		
0.002		

13. All lakes and reservoirs tributary to the Colorado River from the boundary of Rocky Mountain National Park and Arapahoe National Recreation Area to a point immediately below the confluence with the Roaring Fork River, except for specific listings in Upper Colorado Segments 11 and 12 and the Blue and Eagle River subbasins.

	e with the Roaring Fork River, except f	T			and 12 and the	e Blue and Eagle Rivers		
COUCUC13	Classifications	Physi	ical and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	21.3* ^B	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	21.6* ^B	Arsenic	340	0.02(T)
	Water Supply	Temperature °C		CL,CLL	CL,CLL	Beryllium		
	DUWS*			acute	chronic	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Other:		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
* a b la ra n b ll . a	(ug/l)/abrania) – applica aply abaya	pH		6.5 - 9.0		Copper	TVS	TVS
the facilities lis	(ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes	chlorophyll a (ug/L)			8*	Iron		WS
	larger than 25 acres surface area. The body states are a surface area. The body states are a surface area.	E. Coli (per 100 mL)			126	Iron		1000(T)
Res	,					Lead	TVS	TVS
	chronic) = applies only above the at 33.5(4), applies only to lakes and		Inorganic (mg/	L)		Manganese	TVS	TVS
reservoirs larg	er than 25 acres surface area.			acute	chronic	Manganese		ws
(MWAT=21.3)	(4/1 - 12/31) = Wolford Mtn Res	Ammonia		TVS	TVS	Mercury		0.01(t)
*Temperature (MWAT=21.6)	(4/1 - 12/31) = Williams Fork Res	Boron			0.75	Molybdenum		160(T)
(11117711 21:0)		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.025*			
		Sulfate			WS			
		Sulfide			0.002			

i. Mainstem of	the blue River from the source to the	confluence with French Gulch.					
COUCBL01	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chronic		E. Coli (per 100 mL)		126	Copper	TVS	TVS
	e of 12/31/2021				Iron		WS
		Inorganio	(mg/L)		Iron		1000(T)
		_	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
2a Mainstem o	of the Blue River from the confluence v		alf mile helow Sur		Road 3		
	Classifications	Physical and B		Time Godiney		Metals (ug/L)	
Designation	Agriculture		DM	MWAT			
UP				IVIVV		acute	chronic
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute	chronic
	Aq Life Cold 1 Recreation E	Temperature °C	CS-I acute		Aluminum Arsenic		
	·	Temperature °C D.O. (mg/L)		CS-I			
Qualifiers:	Recreation E	·	acute	CS-I chronic	Arsenic	 340	
	Recreation E	D.O. (mg/L)	acute 	CS-I chronic 6.0	Arsenic Beryllium	 340 	0.02(T)
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 4	0.02(T) 4
Other:	Recreation E Water Supply (mg/m²)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 4 50(T)	 0.02(T) 4 TVS
Other: *chlorophyll a (the facilities lis *Phosphorus(c	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). thronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 4 50(T) TVS	 0.02(T) 4 TVS TVS
Other: *chlorophyll a (the facilities lis *Phosphorus(c facilities listed	(mg/m²)(chronic) = applies only above ted at 33.5(4). hronic) = applies only above the at 33.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 4 50(T) TVS	 0.02(T) 4 TVS TVS
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 340 4 50(T) TVS TVS	0.02(T) 4 TVS TVS TVS WS
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	(mg/m²)(chronic) = applies only above ted at 33.5(4). hronic) = applies only above the at 33.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 (mg/L)	CS-I chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 340 4 50(T) TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T)
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 (mg/L) acute	CS-I chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 4 50(T) TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	acute 6.5 - 9.0 (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 4 50(T) TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS TVS
Other: *chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	acute 6.5 - 9.0 (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 4 50(T) TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS TVS WS
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	acute 6.5 - 9.0 (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 4 50(T) TVS TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	acute	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 4 50(T) TVS TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 4 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 4 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
*chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 4 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Other: *chlorophyll a (the facilities lis *Phosphorus(c facilities listed *Zinc(acute) =	Recreation E Water Supply (mg/m²)(chronic) = applies only above ted at 33.5(4). chronic) = applies only above the at 33.5(4). e^(1.25 (ln(hard)+0.799))	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 4 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) 4 TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS

	of the Blue River from a point one half Classifications	Physical and I				Metals (ug/L)	
	Agriculture	Filysical allu I	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		CITIONIC
(eviewable	Recreation E	Temperature C	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	acute	6.0	Beryllium		0.02(1)
Qualifiers:		D.O. (mg/L) D.O. (spawning)		7.0	Cadmium	SSE*	SSE*
Other:		pH	6.5 - 9.0	-	Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Temporary Mo		E. Coli (per 100 mL)		126	Copper	TVS	TVS
Arsenic(chroni		L. Coli (per 100 IIIL)		120	Iron		WS
Expiration Date	e of 12/31/2021		- (Iron		
'Cadmium(acı	ute) = 1/2e^(1.0166(In(hard)-3.132))	Inorgani				TVS	1000(T) TVS
'Cadmium(chr	ronic) = 1/2e^(1.0166(In(hard)-3.132))		acute	chronic	Lead		
'Zinc(acute) =	e^(0.9805(ln(hard)+1.402))	Ammonia	TVS	TVS	Manganese	TVS	TVS
*Zinc(chronic)	= e^(0.9805(ln(hard)+1.402))	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	SSE*	SSE*
		Sulfide		0.002			
	of the Blue River from the confluence v	with the Swan River to Dillon Res	ervoir.		T		
COUCBL02C	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Reviewable	Recreation E	Temperature °C	CS-I acute	CS-I chronic	Aluminum Arsenic	 340	 0.02(T)
Reviewable	· ·	Temperature °C D.O. (mg/L)					0.02(T)
Reviewable Qualifiers:	Recreation E	·	acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)	acute	chronic 6.0	Arsenic Beryllium	340 	
Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	TVS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	TVS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	TVS TVS TVS
Qualifiers: Other: Femporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0 	6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS	TVS TVS TVS TVS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 c (mg/L)	6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 c (mg/L) acute	chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	acute 6.5 - 9.0 c (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: Femporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute 6.5 - 9.0 c (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: Femporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute 6.5 - 9.0 c (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Femporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: Temporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Qualifiers: Other: Femporary Mo	Recreation E Water Supply odification(s): c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

3. Deleted.							
COUCBL03	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			
4a. All direct tr 6, and 10-14.	butaries to Dillon Reservoir a	nd all tributaries and wetlands in the Blue	River drainage abo	ove Dillon Re	servoir, except for speci	fic listings in Segments	1, 2a, 2b, 4b, 5,
COUCBL04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride	-	250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005	-	Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc	_	TVS(sc)

COUCBL04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride	-	250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
5. Mainstem o	f Soda Creek from the source to	Dillon Reservoir.					
COUCBL05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	
.	- Ignocitate			IVIVVAI		acute	chronic
Keviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		cnronic
	Aq Life Cold 1 Recreation E	Temperature °C	CS-I acute		Aluminum Arsenic		
	Aq Life Cold 1	Temperature °C D.O. (mg/L)		CS-I			
	Aq Life Cold 1 Recreation E	·	acute	CS-I chronic	Arsenic	 340	 0.02(T)
	Aq Life Cold 1 Recreation E	D.O. (mg/L)	acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	0.02(T)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	0.02(T) TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 — 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

6a. Mainstem o			0 10 2 0 1 1000 10	ii, oxooptioi	opeoine lieunge in cegn	ierits ob, 7, 6 and 9.	
COUCBL06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
	200	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
*chlorophyll a (the facilities lis	mg/m^2)(chronic) = applies only above ted at 33.5(4).	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	hronic) = applies only above the				Iron		WS
facilities listed	at 33.5(4).	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
6b. Mainstem o	of Camp Creek, including all tributaries		confluence with th		er.		
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
							(-)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	Water Supply	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium	TVS(tr)	
Qualifiers: Other:	Water Supply				-		
	Water Supply	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other: *Zinc(acute) =	0.978*e^0.8537(In Hardness)+1.5227	D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²)	6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 ic (mg/L)	7.0 150 126	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	 6.5 - 9.0 ic (mg/L) acute	7.0 150 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other: *Zinc(acute) =	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	 6.5 - 9.0 ic (mg/L) acute	7.0 150 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	7.0 150 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
Other: *Zinc(acute) = *Zinc(chronic)	0.978*e^0.8537(In Hardness)+1.5227 = 0.986*e^0.8537(In	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

COUCBL07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Aq Life Cold 1		DM	MWAT		acute	chronic
JP	Recreation N	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:			acute	chronic	Arsenic	340	7.6(T)
Other:		D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		1000(T)
		Inorgan	ic (mg/L)		Lead	TVS	TVS
			acute	chronic	Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury		0.01(t)
		Boron			Molybdenum		
		Chloride			Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate			Uranium		
		Nitrite	-	0.05	Zinc	TVS	TVS
		Phosphorus		0.11			
		Sulfate					
		Sulfide		0.002			

8. Mainstem of Keystone Gulch, including all tributaries and wetlands from the source to the confluence with the Snake River. Mainstem of Chihuahua Creek including all tributaries, and wetlands from the source to the confluence with Peru Creek. Mainstem of the North Fork of the Snake River, including all tributaries and wetlands from the source to the confluence with the Snake River. Mainstem of Jones Gulch, including all tributaries and wetlands from the source to the confluence with the Snake River.

COUCBL08	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_	_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	te of 12/31/2021				Iron		ws
*chloronhyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg	/L)		Iron		1000(T)
the facilities lis	sted at 33.5(4).		acute	chronic	Lead	TVS	TVS
facilities listed	chronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese		TVS
		Boron		0.75	Manganese	TVS	ws
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

COUCBL09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		ws
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
		outaries and wetlands from the source to	o a point 1.5 miles t	pelow Lincolr	1. I		
COUCBL10	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E Water Supply		acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	vvaler Suppry	D.O. (mg/L)		6.0	Beryllium		
-		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
1							
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)			Copper		TVS
		E. Coli (per 100 mL)		150		TVS	TVS WS
		E. Coli (per 100 mL)		150	Copper Iron Iron	TVS TVS	TVS WS 1000(T)
		E. Coli (per 100 mL)	 ic (mg/L) acute	150 126 chronic	Copper Iron Iron Lead	TVS TVS TVS	TVS WS 1000(T) TVS
		E. Coli (per 100 mL) Inorgan Ammonia	 ic (mg/L)	150 126 chronic TVS	Copper Iron Iron Lead Manganese	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron	ic (mg/L) acute TVS	150 126 chronic TVS 0.75	Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS
		E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011 0.05	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS
		E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

COUCBL11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	EQ*	EQ*
		рН	6.5 - 9.0		Chromium III	TVS	TVS
	cute) = existing quality	chlorophyll a (mg/m²)		150	Chromium III		100(T)
•	nronic) = existing quality	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
	= existing quality				Copper	TVS	TVS
	c) = existing quality	Inorgan	ic (mg/L)		Iron		1000(T)
	existing quality		acute	chronic	Lead	EQ*	EQ*
Zinc(cnronic)) = existing quality	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	EQ*	EQ*
		Sulfate					
		Sulfide		0.002			
12. Mainstem	of Illinois Gulch and Fredonia Gu	ulch from their source to their confluence	e with the Blue Riv				
12. Mainstem	of Illinois Gulch and Fredonia G	ulch from their source to their confluence Physical and				Metals (ug/L)	
COUCBL12	Classifications					Metals (ug/L)	chronic
	Classifications		Biological	er.	Aluminum		chronic
COUCBL12 Designation	Classifications Agriculture	Physical and	Biological DM	er.	Aluminum Arsenic	acute	chronic 0.02(T)
COUCBL12 Designation	Classifications Agriculture Aq Life Cold 2	Physical and	Biological DM CS-I	MWAT CS-I		acute	
COUCBL12 Designation	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C	Biological DM CS-I	MWAT CS-I chronic	Arsenic	acute 340	 0.02(T)
COUCBL12 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Beryllium	acute 340	0.02(T)
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 cic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 205	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	mwat CS-I chronic 6.0 7.0 150 205	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 cic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 205	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	mwat CS-I chronic 6.0 7.0 —————————————————————————————————	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	mwat CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	mwat CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	mwat CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	mwat CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCBL12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	mwat CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	

OUCBL13	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0		Chromium III	TVS	TVS
	ality based effluent limit shall not ribute to exceedances of water quality	chlorophyll a (mg/m²)		150*	Chromium III		100(T)
andards add	opted to protect downstream uses.	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 33.5(4).				Copper	TVS	TVS
hosphorus(chronic) = applies only above the	Inorgani	c (mg/L)		Iron		1000(T)
cilities listed	at 33.5(4).		acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11*	Zinc	TVS	TVS
		Sulfate			Zinc		TVS(sc)
					ZIIIC		1 4 3 (30)
pecific listing	of Tenmile Creek, including all tributari in Segment 16.	Sulfide es and wetlands from a point imr		0.002 confluence		t to Dillon Reservoir, ex	
oecific listing	in Segment 16. Classifications	Sulfide	nediately above the	confluence		to Dillon Reservoir, ex	cept for the
oecific listing OUCBL14 esignation	in Segment 16. Classifications Agriculture	Sulfide es and wetlands from a point imr Physical and I	nediately above the Biological DM	confluence	with West Tenmile Creek	to Dillon Reservoir, ex Metals (ug/L) acute	cept for the
oecific listing OUCBL14 esignation	in Segment 16. Classifications Agriculture Aq Life Cold 1	Sulfide es and wetlands from a point imr	nediately above the Biological DM CS-I	mwat CS-I	with West Tenmile Creek	to Dillon Reservoir, ex Metals (ug/L) acute	chronic
oecific listing OUCBL14 esignation	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide es and wetlands from a point imr Physical and I Temperature °C	nediately above the Biological DM	MWAT CS-I chronic	with West Tenmile Creek Aluminum Arsenic	Metals (ug/L) acute 340	chronic
oecific listing OUCBL14 esignation eviewable	in Segment 16. Classifications Agriculture Aq Life Cold 1	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	with West Tenmile Creek Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
OUCBL14 esignation eviewable ualifiers:	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T)
OUCBL14 esignation eviewable ualifiers:	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
OUCBL14 esignation eviewable ualifiers:	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS
OUCBL14 esignation eviewable ualifiers: ther: emporary M resenic(chron	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS
OUCBL14 esignation eviewable ualifiers: ther: emporary M rsenic(chronoxpiration Da	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS WS
OUCBL14 esignation eviewable ualifiers: ther: emporary M rsenic(chron expiration Da oolybdenum(in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0 c (mg/L)	MWAT CS-I chronic 6.0 7.0 150* 126	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
OUCBL14 esignation eviewable ualifiers: ther: emporary M rsenic(chron expiration Da olybdenum(onditions	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	DM CS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150* 126 chronic	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS
DUCBL14 esignation eviewable ualifiers: emporary M senic(chron epiration Da oblybdenum(inditions epiration Da shlorophyll a	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Indification(s): iic) = hybrid te of 12/31/2021 chronic) = current te of 12/31/2016 (mg/m²)(chronic) = applies only above	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
DUCBL14 esignation eviewable ualifiers: emporary M senic(chron epiration Da blybdenum(inditions epiration Da blybdenum(inditions epiration Da blorophyll a e facilities li	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): iic) = hybrid te of 12/31/2021 chronic) = current te of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4).	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS WS
ecific listing DUCBL14 esignation eviewable ualifiers: emporary M senic(chron epiration Da oblybdenum(nditions epiration Da hlorophyll a e facilities li hosphorus(in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): iic) = hybrid te of 12/31/2021 chronic) = current the of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS VS 0.01(t)
pecific listing DUCBL14 esignation eviewable ualifiers: ther: emporary Management of the period of	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): iic) = hybrid te of 12/31/2021 chronic) = current the of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
pecific listing DUCBL14 esignation eviewable ualifiers: ther: emporary Management of the period of	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): iic) = hybrid te of 12/31/2021 chronic) = current the of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS SUS 1000(T) TVS US 0.01(t) 210(T)
pecific listing OUCBL14 esignation eviewable ualifiers: ther: emporary Marsenic(chronoxpiration Date) conditions expiration Date of acilities lie ethosphorus(in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): iic) = hybrid te of 12/31/2021 chronic) = current the of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute	mwat CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS SUS 1000(T) TVS VS 0.01(t) 210(T) TVS
pecific listing OUCBL14 esignation eviewable ualifiers: ther: emporary Marsenic(chronoxpiration Date) conditions expiration Date of acilities lie ethosphorus(in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): iic) = hybrid te of 12/31/2021 chronic) = current the of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute	mwat CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS VS 0.01(t) 210(T) TVS
oucBL14 esignation eviewable ualifiers: emporary M rsenic(chron xpiration Da lolybdenum(onditions xpiration Da chlorophyll a le facilities lie	in Segment 16. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): iic) = hybrid te of 12/31/2021 chronic) = current the of 12/31/2016 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Sulfide es and wetlands from a point imr Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute	mwat CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	with West Tenmile Creek Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T)

COUCBL15	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
(ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		210(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide					
		I Suitide		0.002			
6. All tributar	ies to the Blue River, includir			0.002	eas.		
6. All tributar	ries to the Blue River, includir	ng all wetlands, within the Eagles Nest and Physical and I	Ptarmigan Peak W		eas.	Metals (ug/L)	
OUCBL16	Classifications	ng all wetlands, within the Eagles Nest and	Ptarmigan Peak W		eas.	Metals (ug/L)	chronic
OUCBL16 Designation	Classifications	ng all wetlands, within the Eagles Nest and	Ptarmigan Peak W Biological	ilderness Are	eas. Aluminum		chronic
OUCBL16 esignation	Classifications Agriculture	ng all wetlands, within the Eagles Nest and Physical and	Ptarmigan Peak W Biological DM	/ilderness Are		acute	
OUCBL16 Designation	Classifications Agriculture Aq Life Cold 1	ng all wetlands, within the Eagles Nest and Physical and	Ptarmigan Peak W Biological DM CS-I	MWAT CS-I	Aluminum	acute	0.02(T)
eoucbl16 designation	Classifications Agriculture Aq Life Cold 1 Recreation E	ng all wetlands, within the Eagles Nest and Physical and I Temperature °C	Ptarmigan Peak W Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	acute 340	0.02(T)
COUCBL16 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Ptarmigan Peak W Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	acute 340 TVS(tr)	0.02(T) TVS
COUCBL16 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	Ptarmigan Peak W Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 	0.02(T) TVS TVS
esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
OUCBL16 esignation W ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
OUCBL16 esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS	
OUCBL16 esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS T
OUCBL16 esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
OUCBL16 esignation W ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	
OUCBL16 esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
esignation W	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS 1000(T) TVS WS 0.01(t) 160(T)
esignation W Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
esignation W Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Ptarmigan Peak W Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	

COUCBL17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
		Sunde		0.002	21110		1 4 5 (55)
10 All tributor	rice to the Plue Diver including a	all watlands from the autlet of Dillon De	on oir to the outle	t of Croon Ma	Luntain Basanyair, ayaar	at for the enecific listing i	n Coamont 16
		all wetlands, from the outlet of Dillon Res		t of Green Mo	ountain Reservoir, excep		n Segment 16
COUCBL18	Classifications	ell wetlands, from the outlet of Dillon Res	Biological		puntain Reservoir, excep	Metals (ug/L)	
COUCBL18 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
COUCBL18 Designation	Classifications		Biological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
COUCBL18 Designation	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C	DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COUCBL18 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
COUCBL18 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 c (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS VS TVS US TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS SS TVS WS 1000(T) TVS TVS WS 0.01(t)
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS SS 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCBL18 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS

COUCBL19	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron	_	1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate	_	WS	Zinc	TVS	TVS
		Sulfide		0.002			
20. Mainstem	s of Elliot Creek and Spruce (Creek including all tributaries and wetlands	s, from their sources	s to the confl	uence with the Blue River	1.	
COUCBL20	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		a jamaa			Selenium	TVS	TVS
		Nitrate	10				
			10	0.05	Silver	TVS	TVS(tr)
		Nitrate				TVS 	TVS(tr)
		Nitrate Nitrite		0.05	Silver	TVS	TVS(tr) TVS

COUCBL21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
(ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
abla ranbull a	(ug/L)(abrania) = applies aply to lake	chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
nd reservoirs	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)	-	126	Copper	TVS	TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Iron		WS
	ger man 20 doroc ounded drou.	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
2. Dillon Res	servoir and all lakes and reservoirs in th	e Blue River drainage above Dil	lon Reservoir, exce	pt for specific	c listings in Segment 21.		
OUCBL22	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		_
Reviewable	Recreation E	Temperature °C	CL,CLL acute	CL,CLL chronic	Aluminum Arsenic	 340	 0.02(T)
Reviewable	Recreation E Water Supply	D.O. (mg/L)	•	-			
Reviewable	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:	Recreation E Water Supply	D.O. (mg/L)	acute	chronic 6.0	Arsenic Beryllium	340 	0.02(T)
Qualifiers:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	0.02(T) TVS
Qualifiers:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	0.02(T) TVS TVS
Qualifiers: Other: Temporary M	Recreation E Water Supply DUWS*	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute 6.5 - 9.0	6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chroria	Recreation E Water Supply DUWS*	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: emporary Nursenic(chronic)	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0 8*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronic) Expiration Dathlorophyll and facilities lie	Recreation E Water Supply DUWS* flodification(s): hic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0 8* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS 	0.02(T) TVS TVS TVS TVS WS 1000(T)
Aualifiers: Other: Temporary Marsenic(chronic expiration Date facilities liide et acilities et acilit	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 8* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T)
Aualifiers: Definition of the control of the contro	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS Applies only to Goose	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Demorary Marsenic(chronoxizpiration Date facilities limited and reservoirs Classification Phosphorus(Reservoir in the control of	Recreation E Water Supply DUWS* flodification(s): hic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes a larger than 25 acres surface area. h: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon he top 15 meters of the water column	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS
emporary Marsenic(chronoxizination Date facilities lind reservoirs Classification asture Tam Phosphorus (teservoir in the months)	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS SS TVS WS 1000(T) TVS TVS WS 0.01(t)
emporary Marsenic(chron xpiration Da chlorophyll a le facilities li nd reservoirs Classification asture Tam Phosphorus(leservoir in the totober. Additandards add	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon he top 15 meters of the water column is of July, August, September & itional total phosphorus or Chla opted for this segment do not apply to	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
emporary Marsenic(chronoxizination Date facilities lind reservoirs Classification asture Tam Phosphorus (teservoir in the months totober. Additandards additandar	Recreation E Water Supply DUWS* Modification(s): Nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. The DUWS Applies only to Goose Chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & water and total phosphorus or Chla poted for this segment do not apply to oir. Chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Definition of the property of the	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & itional total phosphorus or Chla opted for this segment do not apply to oir. chronic) = applies only above the lat 33.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Definition of the property of the	Recreation E Water Supply DUWS* Modification(s): Nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. The DUWS Applies only to Goose Chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & water and total phosphorus or Chla poted for this segment do not apply to oir. Chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Definition of the property of the	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & itional total phosphorus or Chla opted for this segment do not apply to oir. chronic) = applies only above the lat 33.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.0074*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
emporary Marsenic (chronoxpiration Date facilities limber assure Tam Phosphorus (esservoirs additional and and additional and and and and and and and and and and	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & itional total phosphorus or Chla opted for this segment do not apply to oir. chronic) = applies only above the lat 33.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.0074* 0.025*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Qualifiers: Definition of the property of the	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & itional total phosphorus or Chla opted for this segment do not apply to oir. chronic) = applies only above the lat 33.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.0074* 0.025* WS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
ualifiers: ther: emporary M rsenic(chron xpiration Da chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll a chlorophyll and reservo chlorophorus chlorophorus chlorophorus chlorophorus chlorophorus chlorophorus chlorophorus chlorophorus	Recreation E Water Supply DUWS* Modification(s): nic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes is larger than 25 acres surface area. n: DUWS Applies only to Goose chronic) = 0.0074 mg/l for Dillon the top 15 meters of the water column is of July, August, September & itional total phosphorus or Chla opted for this segment do not apply to oir. chronic) = applies only above the lat 33.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.0074* 0.025* WS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS(tr)

COUCBL23	nd reservoirs in the Blue River drainag	Physical and I				Metals (ug/L)	
	Agriculture	1 Hydrour und 1	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E	Tomporatare o	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes	E. Coli (per 100 mL)		126	Copper	TVS	TVS
and reservoirs	larger than 25 acres surface area.				Iron		WS
acilities listed	at 33.5(4), applies only to lakes and	Inorgani	c (mg/L)		Iron		1000(T)
reservoirs larg	er than 25 acres surface area.		acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate	_	WS	Zinc	TVS	TVS
		Sulfide		0.002			

COUCE A01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni		E. Coli (per 100 mL)		126	Copper	TVS	TVS
	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
	Consistent with the provisions of 04 C.R.S. the OW designation shall		acute	chronic	Lead	TVS	TVS
	respect to the Homestake Water Cities of Aurora and Colorado Springs.	Ammonia	TVS	TVS	Manganese	TVS	TVS
Toject of the t	Cities of Autora and Colorado Springs.	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
							` ′
2. Mainstem o	f the Eagle River from the source to the	e compressor nouse bridge at Be	elaen.				
COLICEANS	Classifications	Physical and				Metals (ug/L)	
	Classifications Agriculture	Physical and	Biological	MWAT		Metals (ug/L)	chronic
Designation	Agriculture		Biological DM	MWAT	Aluminum	acute	chronic
Designation		Physical and Temperature °C	Biological DM CS-I	CS-I	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Cold 1	Temperature °C	Biological DM CS-I acute	CS-I chronic	Arsenic	acute 340	chronic 0.02(T)
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Biological DM CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	acute 340	0.02(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	 0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Other: Ichlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	
Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS	
Designation Reviewable Qualifiers: Other: Ichlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation Reviewable Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	
Designation Reviewable Qualifiers: Other: Ichlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Designation Reviewable Qualifiers: Other: Ichlorophyll a he facilities lis Phosphorus(a	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers: Other: Chlorophyll a the facilities lis Phosphorus(Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
Qualifiers: Other: Ichlorophyll a the facilities lisiPhosphorus(Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
the facilities lis	Agriculture Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

Physical and	Biological			Metals (ug/L)	
	DM	MWAT		acute	chronic
Temperature °C	CS-I	CS-I	Aluminum	_	
	acute	chronic	Arsenic	340	0.02(T)
D.O. (mg/L)		6.0	Beryllium		
D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
рН	6.5 - 9.0		Chromium III	50(T)	TVS
chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
E. Coli (per 100 mL)		126	Copper	TVS	TVS
			Iron		WS
Inorgan	ic (mg/L)		Iron		1000(T)
	acute	chronic	Lead	TVS	TVS
Ammonia	TVS	TVS	Manganese	TVS	TVS
Boron		0.75	Manganese		WS
Chloride		250	Mercury	-	0.01(t)
Chlorine	0.019	0.011	Molybdenum		160(T)
Cyanide	0.005		Nickel	TVS	TVS
Nitrate	10		Selenium	TVS	TVS
Nitrite		0.05	Silver	TVS	TVS(tr)
Phosphorus		0.11	Uranium		
Sulfate		WS	Zinc	TVS	TVS
Sulfide		0.002	Zinc		TVS(sc)
confluence of the East Fork to the confluence	nce with the Eagle	River.	1		
Physical and				Metals (ug/L)	
				acute	chronic
Temperature °C					
	acute				0.02(T)
					TVS
			Chromium III	50(T)	TVS
pH	6.5 - 9.0				
chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
•			Chromium VI Copper	TVS TVS	TVS
chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Chromium VI Copper Iron	TVS TVS 	TVS WS
chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L)	150 126	Chromium VI Copper Iron	TVS TVS	TVS WS 1000(T)
chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L) acute	150 126 chronic	Chromium VI Copper Iron Iron Lead	TVS TVS TVS	TVS WS 1000(T) TVS
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	ic (mg/L) acute TVS	150 126 chronic TVS	Chromium VI Copper Iron Iron Lead Manganese	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	ic (mg/L) acute TVS	150 126 chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	ic (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate Sulfide confluence of the East Fork to the conflue Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Temperature °C CS-I acute	DM MWAT	DM MWAT Temperature °C CS-I CS-I CS-I Aluminum Arsenic D.O. (mg/L) 6.0 Beryllium D.O. (spawning) 7.0 Cadmium PH 6.5 - 9.0 Chromium III Chlorophyll a (mg/m²) 150 Chromium VI E. Coli (per 100 mL) 126 Copper Iron I	DM

	Title Eagle Kiver from the compressor i	nouse bridge at Belden to a poin	timmediately abov	<u>e the Hi</u> ghw	ay 24 Bridge near Tigiwo	on Road.	
COUCEA05A	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	SSE*
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
-	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Copper		SSE*
	onic) = (1.101672- 0.041838)])* e^(0.7998 [In (hardness)]-				Copper	SSE*	
3.1725)		Inorgani	c (mg/L)		Iron		WS
1.1073) = 0.96*e^0.9801[ln(hardness)] –		acute	chronic	Iron		1000(T)
*Copper(chron 0.0053	ic) = 0.96*e^0.5897[ln(hardness)] –	Ammonia	TVS	TVS	Lead	TVS	TVS
	0.978*e^0.8537[In(hardness)]+2.1302	Boron		0.75	Manganese	TVS	TVS
*Zinc(chronic)		Chloride		250	Manganese		WS
v.986*e^0.853	7[In(hardness)]+1.9593	Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc		SSE*
		Curio		0.002	Zinc	SSE*	
					0		
	of the Eagle River from a point immedia			ad to a point	immediately above the		Creek.
	Classifications	Physical and I				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	SSE*
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)	_	126	Copper		SSE*
Expiration Date	e of 12/31/2021				Copper	SSE*	
*Designation: 9	9/30/00 Baseline does not apply	Inorgani	c (mg/L)		Iron		WS
•	onic) = (1.101672-		acute	chronic	Iron		1000(T)
					I to the second	T) (O	T\ (C
[In(hardness)*(0.041838)])* e^(0.7998 [In (hardness)]-	Ammonia	TVS	TVS	Lead	TVS	TVS
[In(hardness)*(3.1725) *Copper(acute		Ammonia Boron	TVS 	TVS 0.75	Manganese	TVS	TVS
[In(hardness)*(3.1725) *Copper(acute 1.5865	0.041838)])* e^(0.7998 [In (hardness)]-						
[In(hardness)*(3.1725) *Copper(acute 1.5865 *Copper(chron 0.4845	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]-	Boron		0.75	Manganese	TVS	TVS
[In(hardness)*(3.1725) *Copper(acute 1.5865 *Copper(chron 0.4845 *Zinc(acute) = 0.978*e^0.853	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30	Boron Chloride		0.75 250	Manganese Manganese	TVS 	TVS WS
[In(hardness)*(3.1725) *Copper(acute 1.5865 *Copper(chron 0.4845 *Zinc(acute) = 0.978*e^0.853 0.978*e^0.853	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]-	Boron Chloride Chlorine	 0.019	0.75 250 0.011	Manganese Manganese Mercury	TVS 	TVS WS 0.01(t)
In(hardness)*(3.1725) Copper(acute 1.5865 Copper(chron 0.4845 Zinc(acute) = 0.978*e^0.853 0.978*e^0.853 12/31	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 -	Boron Chloride Chlorine Cyanide	 0.019 0.005	0.75 250 0.011	Manganese Manganese Mercury Molybdenum	TVS 	TVS WS 0.01(t) 160(T)
In(hardness)*(3.1725) Copper(acute 1.5865 Copper(chron).4845 'Zinc(acute) = 0.978*e*0.853' 12/31 'Zinc(chronic) 0.986*e*0.853'	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 - = 7[In(hardness)]+1.9593 from 1/1 - 4/30	Boron Chloride Chlorine Cyanide Nitrate	 0.019 0.005 10	0.75 250 0.011 	Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	TVS WS 0.01(t) 160(T) TVS
In(hardness)*(3.1725) 'Copper(acute 1.5865 'Copper(chron 0.4845 'Zinc(acute) = 0.978*e*(0.853* 12/31 'Zinc(chronic) : 0.986*e*(0.853* 0.986*e*(0.853*	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 -	Boron Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	0.75 250 0.011 0.05	Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS
[In(hardness)*(3.1725) "Copper(acute 1.5865 "Copper(chron 0.4845 "Zinc(acute) = 0.978*e*(0.853*) 0.978*e*(0.853*) 12/31 "Zinc(chronic) = 0.986*e*(0.853*)	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 - = 7[In(hardness)]+1.9593 from 1/1 - 4/30	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10	0.75 250 0.011 0.05	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS
[In(hardness)*(3.1725) "Copper(acute 1.5865 "Copper(chron 0.4845 "Zinc(acute) = 0.978*e*0.853* 0.978*e*0.853* 12/31 "Zinc(chronic) 0.986*e*0.853*	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 - = 7[In(hardness)]+1.9593 from 1/1 - 4/30	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 	0.75 250 0.011 0.05 WS	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)
In(hardness)*(3.1725) 'Copper(acute 1.5865 'Copper(chron 0.4845 'Zinc(acute) = 0.978*e*(0.853* 12/31 'Zinc(chronic) : 0.986*e*(0.853* 0.986*e*(0.853*	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 - = 7[In(hardness)]+1.9593 from 1/1 - 4/30	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 	0.75 250 0.011 0.05 WS	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium Zinc	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)
In(hardness)*(3.1725) Copper(acute 1.5865 Copper(chron).4845 Zinc(acute) =).978*e*0.853 12/31 Zinc(chronic)).986*e*0.853	0.041838)])* e^(0.7998 [In (hardness)]-) = 0.96*e^0.9801[In(hardness)]- ic) = 0.96*e^0.5897[In(hardness)]- 7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 - = 7[In(hardness)]+1.9593 from 1/1 - 4/30	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	 0.019 0.005 10 	0.75 250 0.011 0.05 WS	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium Zinc	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

sc = sculpin

COUCEA05C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	SSE*
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
J	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Copper		SSE*
	onic) = (1.101672- (0.041838)])* e^(0.7998 [In (hardness)]-				Copper	SSE*	
i.1725) Conner(acute	e) = 0.96*e^0.9801[ln(hardness)]-	Inorgan	ic (mg/L)		Iron		WS
.5865			acute	chronic	Iron		1000(T)
Copper(chror .4845	nic) = 0.96*e^0.5897[ln(hardness)]-	Ammonia	TVS	TVS	Lead	TVS	TVS
Zinc(acute) =	0.978*e^0.8537[In(hardness)]+1.4189	Boron		0.75	Manganese	TVS	TVS
Zinc(chronic)	= 37[In(hardness)]+1.2481	Chloride		250	Manganese	-	WS
.500 6 0.003	// [m(narune33)] + 1.2401	Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc		SSE*
	s to the Eagle River, including all wetlar s in Segments 1, 7a, 7b, and 8.				Zinc	SSE*	
pecific listing			bridge at Belden to		Zinc	SSE*	
pecific listing	s in Segments 1, 7a, 7b, and 8.	nds, from the compressor house	bridge at Belden to		Zinc	SSE*	except for th
pecific listing: COUCEA06 Designation	s in Segments 1, 7a, 7b, and 8. Classifications	nds, from the compressor house	bridge at Belden to	a point imn	Zinc	SSE* uence with Lake Creek, Metals (ug/L)	except for th
pecific listing: COUCEA06 Designation	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E	ds, from the compressor house Physical and	bridge at Belden to Biological DM	o a point imn	Zinc nediately below the conflu	SSE* uence with Lake Creek, Metals (ug/L)	except for th
pecific listing: COUCEA06 Designation Reviewable	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1	ds, from the compressor house Physical and	bridge at Belden to Biological DM CS-I	MWAT CS-I	Zinc nediately below the conflu	SSE* uence with Lake Creek, Metals (ug/L) acute	except for th
pecific listing: COUCEA06 Designation Reviewable	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	bridge at Belden to Biological DM CS-I acute	MWAT CS-I chronic	Zinc mediately below the confluence of the conf	SSE* uence with Lake Creek, Metals (ug/L) acute 340	except for th
pecific listing: COUCEA06 Designation Reviewable Qualifiers:	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	bridge at Belden to Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc nediately below the confluence of the conf	SSE* uence with Lake Creek, Metals (ug/L) acute 340	chronic 0.02(T)
pecific listing: COUCEA06 Designation Reviewable Qualifiers:	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	bridge at Belden to Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc nediately below the confluence diately below the confluence diagram and the confluence diagram a	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr)	except for the
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other:	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc nediately below the confluence of the conf	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T)	except for the
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc mediately below the confluence diately diately diately diately diately diately diately diately di	SSE* Lence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc nediately below the confluence diately diately diately diately diately diately diately diately di	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	except for the
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc nediately below the confluence diately diately diately diately diately diately diately diately di	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Zinc Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	except for the
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Designation Reviewable Autority Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Zinc Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS SVS TVS TVS TVS TVS TVS TVS
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc Tediately below the confluence diately diately below the confluence diately diately diately diate	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	except for the
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc Tediately below the confluence diately diately below the confluence diately diately diately diate	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	except for the chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t) 160(T)
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Zinc nediately below the confluence diately	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	except for th chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS US 0.01(t) 160(T) TVS
pecific listing: COUCEA06 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Zinc Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	except for th chronic 0.02(T) TVS TVS TVS TVS S TVS 0.01(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
couceand listing: couceand cou	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Zinc Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS STVS TVS TVS WS 1000(T) TVS TVS
couceand listing: couceand cou	s in Segments 1, 7a, 7b, and 8. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	bridge at Belden to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Zinc Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	SSE* Jence with Lake Creek, Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	except for th chronic 0.02(T) TVS TVS TVS TVS S TVS 0.01(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS

COUCEA07A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	·	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		,			Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		inorgan	acute	chronic	Lead	TVS	TVS
		Ammonio	TVS		Manganese	TVS	TVS
		Ammonia		TVS 0.75	Manganese		WS
		Boron					
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum	 TVS	160(T)
		Cyanide	0.005		Nickel	TVS	TVS TVS
		Nitrate	10		Selenium	TVS	
		Nitrite	-	0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
	of Cross Creek from a point immediatel			with the Ea	agle River, except for thos		egment 1.
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
leviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	-	6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	SSE*
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
	0/00/00 B 1:	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
_	0/30/00 Baseline does not apply onic) = (1.101672-	E. Coli (per 100 mL)	-	126	Copper		SSE*
n(hardness)*(0.041838)])* e^(0.7998 [In (hardness)]-				Copper	SSE*	
.1725) Copper(acute) = 0.96*e^0.9801[ln(hardness)]-	Inorgan	ic (mg/L)		Iron		WS
.5865	- ` `		acute	chronic	Iron		1000(T)
Jopper(cnron .4845	ic) = 0.96*e^0.5897[ln(hardness)]-	Ammonia	TVS	TVS	Lead	TVS	TVS
Zinc(acute) =	7[In(hardness)]+2.1302 from 1/1 - 4/30	Boron		0.75	Manganese	TVS	TVS
.978*e^0.853	7[In(hardness)]+2.1302 from 1/1 - 4/30 7[In(hardness)]+1.4189 from 5/1 -	Chloride		250	Manganese		WS
2/31 Zinc(chronic)	=	Chlorine	0.019	0.011	Mercury		0.01(t)
.986*e^0.853	7[In(hardness)]+1.9593 from 1/1 - 4/30	Cyanide	0.005		Molybdenum		160(T)
.986*e^0.853 2/31	7[In(hardness)]+1.2481 from 5/1 -	Nitrate	10		Nickel	TVS	TVS
_ • •		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.11	Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc		SSE*
					Zinc	SSE*	

COUCEA08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I*	varies*	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	te of 12/31/2021				Iron		WS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		1000(T)
	sted at 33.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(of facilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
*Temperature	=	Boron		0.75	Manganese		WS
MWAT= 14 fro	om 6/1 - 6/30 om 10/1 - 10/15	Chloride		250	Mercury	_	0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
		Guinde		0.002	Ziilo		1 7 0 (00)
	of the Eagle River from Gore Creek to	a point immediately below the co	onfluence withSqua	w Creek			
	a			W OTOOK.			
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		Metals (ug/L)	chronic
	Agriculture Aq Life Cold 1	Physical and Temperature °C	DM CS-I*	MWAT varies*	Aluminum	acute	
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I* acute	MWAT varies* chronic	Arsenic		chronic 0.02(T)
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I* acute	MWAT varies* chronic 6.0	Arsenic Beryllium	acute 340	0.02(T)
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I* acute 	MWAT varies* chronic	Arsenic	acute 340 TVS(tr)	 0.02(T) TVS
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I* acute	MWAT varies* chronic 6.0	Arsenic Beryllium	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I* acute 	MWAT varies* chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
Designation Reviewable Qualifiers: Other: Temporary Management	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I* acute 6.5 - 9.0	MWAT varies* chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Machanic (chronic)	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I* acute 6.5 - 9.0	MWAT varies* chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *Temperature	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I* acute 6.5 - 9.0	MWAT varies* chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 fro	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = m 6/1 - 6/30	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I* acute 6.5 - 9.0	MWAT varies* chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I* acute 6.5 - 9.0 	MWAT varies* chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute	MWAT varies* chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT varies* chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT varies* chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT varies* chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	mwat varies* chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	wwat varies* chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT varies* chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Temperature MWAT=16 from	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2021 = im 6/1 - 6/30 im 10/1 - 10/15	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I* acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT varies* chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

COUCEA09B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II*	varies*	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
'Temperature DM=15 and M'	= WAT=12 from 4/1 - 5/31	E. Coli (per 100 mL)		126	Copper	TVS	TVS
DM=15 and M	WAT=12 from 10/1 - 10/15				Iron		WS
DM=15 and M	WAT=11 from 10/16 - 10/31	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
Oc Mainston	of the Eagle Diver from a point im				ith the Colorade Piver		
		mediately below the confluence with F	Rube Creek to the c		ith the Colorado River.	Metals (ug/L)	
COUCEA09C	of the Eagle River from a point important impo		Rube Creek to the c		ith the Colorado River.	Metals (ug/L)	chronic
	Classifications	mediately below the confluence with F	Rube Creek to the o	confluence w	ith the Colorado River.	Metals (ug/L) acute	chronic
COUCEA09C Designation	Classifications Agriculture	mediately below the confluence with F Physical and	Rube Creek to the o	onfluence w	Aluminum	acute	
COUCEA09C Designation	Classifications Agriculture Aq Life Cold 1	mediately below the confluence with F Physical and	Rube Creek to the of Biological DM CS-II	MWAT CS-II	Aluminum Arsenic	acute	
COUCEA09C Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	mediately below the confluence with Figure 2 Physical and Temperature °C	Rube Creek to the of Biological DM CS-II acute	MWAT CS-II chronic	Aluminum	acute 340	 0.02(T)
COUCE A09C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	mediately below the confluence with F Physical and Temperature °C D.O. (mg/L)	Rube Creek to the of Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340 TVS(tr)	 0.02(T)
COUCE A09C Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Rube Creek to the of Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COUCE A09C Designation Reviewable Qualifiers: Other: Temporary Me	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Rube Creek to the displayed Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Rube Creek to the of Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T)	
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	 0.02(T) TVS TVS TVS
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
COUCE A09C Designation Reviewable Qualifiers: Other: Femporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	
COUCE A09C Designation Reviewable Qualifiers: Other: Femporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COUCE A09C Designation Reviewable Qualifiers: Other: Femporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS STVS WS 1000(T) TVS TVS WS 0.01(t)
COUCE A09C Designation Reviewable Qualifiers: Other: Femporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Rube Creek to the debt of Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCE A09C Designation Reviewable Qualifiers: Other: Femporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCEA09C Designation Reviewable Qualifiers: Other: Temporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	mediately below the confluence with final Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Rube Creek to the or Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	

COUCEA10A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron	-	1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum	-	160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
10b. Abrams (Creek, including all tributaries	and wetlands, from the source to the east	ern boundary of the	e United Stat	es Bureau of Land Mana	gement lands.	
COUCEA10B	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Aq Life Cold 1 Recreation E		CS-I acute	CS-I chronic	Arsenic	acute 340	 0.02(T)
OW	Aq Life Cold 1	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	
Designation OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	0.02(T) TVS
OW	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CS-I acute	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Qualifiers: Other: Temporary M	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 TVS(tr) 50(T)	 0.02(T) TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Emporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Emporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: Emporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Other: Emporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS 4000(T) TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Emporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS US 1000(T) TVS US 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 Ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	

		e confluence with the Eagle River.		rook nom ak			
COUCEA11	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium	-	100(T)
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		pH	6.5 - 9.0		Chromium III	-	100(T)
		chlorophyll a (mg/m²)		150	Chromium VI		100(T)
		E. Coli (per 100 mL)		205	Copper	-	200(T)
					Iron		
		Inorgan	ic (mg/L)		Lead		100(T)
			acute	chronic	Manganese		200(T)
		Ammonia	-		Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride	-	250	Nickel	-	200(T)
		Chlorine			Selenium	TVS	TVS
		Cyanide	0.2		Silver	-	
		Nitrate	100		Uranium		
		Nitrite	-	10	Zinc		2000(T)
		Phosphorus		0.11			
		Sulfate	-				
		Sulfide					
12. Mainstem	of Brush Creek, from the source to the Classifications			and West Fo	orks.		
COUCLAIZ			Riological			Motale (ug/L)	
Designation	-	Pnysical and	Biological	MWAT		Metals (ug/L)	chronic
Designation Reviewable	Agriculture		DM	MWAT	Aluminum	acute	chronic
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Aluminum Arsenic	acute	
	Agriculture	Temperature °C	DM CS-I acute	CS-I chronic	Arsenic	acute 340	 0.02(T)
	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	acute 340	 0.02(T)
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS WS 1000(T)
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

COUCEA13	Classifications	Eagles Nest and Holy Cross Wilderness Areas. Physical and Biological			Metals (ug/L)		
Designation	Agriculture	-	DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E	,	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
				.20	Iron		WS
		Inorgan	nic (ma/L)		Iron		1000(T)
		illorgal	nic (mg/L)	chronic	Lead	TVS	TVS
		A	acute			TVS	TVS
		Ammonia	TVS	TVS	Manganese		WS
		Boron		0.75	Manganese		
		Chloride		250	Melyhdonum		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium 		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	nd reservoirs tributary to the Eagle Riv	<u> </u>			1		
COUCEA14	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			D 111		
Qualifiers:				6.0	Beryllium		
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		D.O. (spawning) pH			-		
	(ug/l Vehrenie) z applies aply to lekes			7.0	Cadmium	TVS(tr)	TVS
*chlorophyll a	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	рН	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS TVS
*chlorophyll a and reservoirs *Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L)	6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(o	larger than 25 acres surface area.	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
*chlorophyll a and reservoirs *Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 nic (mg/L)	7.0 8* 126	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
*chlorophyll a and reservoirs *Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute	7.0 8* 126	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
chlorophyll a and reservoirs Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 nic (mg/L) acute TVS	7.0 8* 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
chlorophyll a and reservoirs Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron	 6.5 - 9.0 nic (mg/L) acute TVS	7.0 8* 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
chlorophyll a and reservoirs Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	7.0 8* 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
chlorophyll a and reservoirs Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgal Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	7.0 8* 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
chlorophyll a and reservoirs Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	7.0 8* 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
chlorophyll a and reservoirs Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(o	larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	7.0 8* 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

COUCRF01	Classifications	Physical and	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic		
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum				
	Recreation E		acute	chronic	Arsenic	340	0.02(T)		
	Water Supply	D.O. (mg/L)		6.0	Beryllium				
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS		
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS		
emporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS		
rsenic(chror		E. Coli (per 100 mL)		126	Copper	TVS	TVS		
xpiration Da	te of 12/31/2021				Iron		WS		
		Inorgan	ic (mg/L)		Iron		1000(T)		
			acute	chronic	Lead	TVS	TVS		
		Ammonia	TVS	TVS	Manganese	TVS	TVS		
		Boron		0.75	Manganese		WS		
		Chloride		250	Mercury	_	0.01(t)		
		Chlorine	0.019	0.011	Molybdenum		160(T)		
		Cyanide	0.005		Nickel	TVS	TVS		
		Nitrate	10		Selenium	TVS	TVS		
		Nitrite		0.05	Silver	TVS	TVS(tr)		
		Phosphorus		0.11	Uranium				
		Sulfate		WS	Zinc	TVS	TVS		
		Sulfide		0.002					
		uding all tributaries and wetlands, from the	source to a point in		I below the confluence wit	h Hunter Creek, except	for those		
ributaries inc	luded in Segment 1.	-			I pelow the confluence wit		for those		
ributaries inc	Classifications	uding all tributaries and wetlands, from the	Biological	mmediatel y t	Delow the confluence wit	Metals (ug/L)			
ibutaries inc OUCRF02 esignation	Classifications Agriculture	Physical and	Biological DM	mmediately b		Metals (ug/L)			
ibutaries inc OUCRF02 esignation	luded in Segment 1. Classifications Agriculture Aq Life Cold 1	-	Biological DM CS-I	mmediately b MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic		
ibutaries inc OUCRF02 esignation	Classifications Agriculture	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340			
ibutaries inc OUCRF02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)		
couc RF02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS		
COUCRF02 Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS		
ibutaries inc OUCRF02 Designation Deviewable Dualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS		
ibutaries inc OUCRF02 Designation Deviewable Dualifiers: Demorary Marsenic(chrore	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS			
COUCRF02 Designation Reviewable Qualifiers: Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS		
COUCRF02 Designation Reviewable Qualifiers: Designation Reviewable	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)			
ibutaries inc OUCRF02 resignation reviewable reviewable returner: remporary Marsenic(chroria)	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T)			
ibutaries inc OUCRF02 Designation Deviewable Dualifiers: Demorary Marsenic(chrore	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS			
ibutaries inc OUCRF02 resignation reviewable reviewable returner: remporary Marsenic(chroria)	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS			
ibutaries inc OUCRF02 resignation reviewable reviewable returner: remporary Marsenic(chroria)	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)			
ibutaries inc OUCRF02 resignation reviewable reviewable returner: remporary Marsenic(chroria)	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 —— 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS US 1000(T) TVS TVS			
ibutaries inc OUCRF02 Designation Deviewable Dualifiers: Demorary Marsenic(chrore	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S TVS 0.01(t) 160(T) TVS			
ibutaries inc OUCRF02 Designation Deviewable Dualifiers: Demorary Marsenic(chrore	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS			
ibutaries inc OUCRF02 Designation Deviewable Dualifiers: Demorary Marsenic(chrore	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS			
COUCRF02 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chror	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS			
COUCRF02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chror	Iduded in Segment 1. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Idudification(s): Idudication(s): ical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS			

3a. Mainstem of the Roaring Fork River, from a point immediately below the confluence with Hunter Creek, to a point immediately below the confluence with the Fryingpan River. All tributaries to the Roaring Fork River, including wetlands, from a point immediately below the confluence with Hunter Creek to the confluence with the Colorado River, except for those tributaries included in Segment 1 and specific listings in Segments 3b-10.

COUCRF03A Classifications		Physical and Biolog	Physical and Biological		Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		-
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid		chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date of 12/31/2021					Iron		ws
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg/L)			Iron		1000(T)
the facilities lis	ted at 33.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(c facilities listed	hronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		ws
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

3b. Mainstem of Red Canyon and all tributaries and wetlands from the source to the confluence with the Roaring Fork River, except for Landis Creek from its source to the Hopkins Ditch Diversion.

COUCRF03B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)	-	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgani	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
i		Sulfide		0.002			

-	Classifications	source to the confluence with the Physical and E				Metals (ug/L)	
Designation	Agriculture	Physical and t	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	acute	CIIIOIIIC
(eviewable	Recreation E	Temperature C	acute	chronic	Arsenic	240	0.02(T)
	Water Supply	D.O. (mg/L)	acute	6.0		340	0.02(T)
Qualifiers:	1			7.0	Beryllium		
		D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m²)	0.5 - 9.0	150*	Chromium III	50(T) TVS	TVS TVS
	(mg/m²)(chronic) = applies only above	1 7 (0)			Chromium VI		
	sted at 33.5(4). chronic) = applies only above the	E. Coli (per 100 mL)	-	126	Copper	TVS	TVS
acilities listed	, ,,				Iron		WS
		Inorgani			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	of Cattle Creek, including all tributaries	and wetlands, from the source to	the most downstr	eam White R	liver National Forest bo	•	
	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WC	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		E. Coli (per 100 mL)		126	Copper Iron	TVS 	TVS WS
		E. Coli (per 100 mL)		126			
				126	Iron		WS
			c (mg/L)		Iron Iron		WS 1000(T)
		Inorgani	c (mg/L)	chronic	Iron Iron Lead	 TVS	WS 1000(T) TVS
		Inorgani	c (mg/L) acute TVS	chronic TVS	Iron Iron Lead Manganese	 TVS TVS	WS 1000(T) TVS TVS
		Inorgani Ammonia Boron	c (mg/L) acute TVS	chronic TVS 0.75	Iron Iron Lead Manganese Manganese	 TVS TVS	WS 1000(T) TVS TVS WS
		Inorgani Ammonia Boron Chloride	c (mg/L) acute TVS	chronic TVS 0.75 250	Iron Iron Lead Manganese Manganese Mercury	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t)
		Inorgani Ammonia Boron Chloride Chlorine	c (mg/L) acute TVS 0.019	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		Inorgani Ammonia Boron Chloride Chlorine Cyanide	c (mg/L) acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	c (mg/L) acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	c (mg/L) acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

COUCRF04	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	-	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
rsenic(chron	, ,	E. Coli (per 100 mL)	-	126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgani	ic (mg/L)		Iron		1000(T)
ne facilities lis	sted at 33.5(4).		acute	chronic	Lead	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
20111100 110104	. 4. 55. 5(1).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
Mainstem o	of the Fryingpan River from the source			0.002			
COUCRF05	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	11 7			0.0			
Qualifiers:	11.7	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		D.O. (spawning) pH	6.5 - 9.0		Cadmium Chromium III		TVS TVS
				7.0		TVS(tr)	
	1 112	рН	6.5 - 9.0	7.0	Chromium III Chromium VI	TVS(tr) 50(T)	TVS
		pH chlorophyll a (mg/m²)	6.5 - 9.0	7.0 150	Chromium III	TVS(tr) 50(T) TVS	TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 150	Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS WS
		pH chlorophyll a (mg/m²)	6.5 - 9.0 ic (mg/L)	7.0 150 126	Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS WS 1000(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 	7.0 150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS	TVS TVS TVS WS 1000(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 sic (mg/L) acute TVS	7.0 150 126 chronic TVS	Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 ic (mg/L) acute	7.0 150 126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	7.0 150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS
Qualifiers:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS

6. Mainstem o	,						
COUCRF06	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	te of 12/31/2021				Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
 All tributarie 	es to the Fryingpan River, inc	cluding all wetlands, except for those tributa	ries included in Seg	gment 1.			
7. All tributarie COUCRF07	es to the Fryingpan River, inc	cluding all wetlands, except for those tributa Physical and I		gment 1.		Metals (ug/L)	
	1			gment 1.		Metals (ug/L)	chronic
COUCRF07 Designation	Classifications		Biological		Aluminum		chronic
COUCRF07 Designation	Classifications Agriculture	Physical and I	Biological DM	MWAT	Aluminum Arsenic	acute	
COUCRF07 Designation	Classifications Agriculture Aq Life Cold 1	Physical and I	Biological DM CS-I	MWAT CS-I		acute	
COUCRF07 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I	DM CS-I acute	MWAT CS-I chronic	Arsenic	acute 340	 0.02(T)
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L)	DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Beryllium	acute 340	0.02(T)
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS TVS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM	MWAT CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	DM CS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 — 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
COUCRF07	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS
COUCRF07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

COUCRF08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	_	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	te of 12/31/2021				Iron		WS
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		1000(T)
he facilities li	sted at 33.5(4).		acute	chronic	Lead	TVS	TVS
facilities listed	chronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
9. Mainstem o	of Coal Creek including all tributaries an	d wetlands from the source to the	e confluence with the	he Crystal Ri	iver.		
COUCRF09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Davan		0.75	Manganese		WS
		Boron			Mercury		0.01(t)
		Chloride		250			
			0.019	0.011	Molybdenum		160(T)
		Chloride			Molybdenum Nickel	TVS	160(T) TVS
		Chloride Chlorine	0.019	0.011	-		
		Chloride Chlorine Cyanide	0.019 0.005	0.011	Nickel	TVS	TVS
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 10	0.011	Nickel Selenium	TVS TVS	TVS TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 	0.011 0.05	Nickel Selenium Silver	TVS TVS TVS	TVS TVS TVS(tr)

COUCRF10A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		-
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

10b. Mainstem of North Thompson Creek, including all tributaries and wetlands, from the source to the White River National Fo rest boundary. Mainstem of Middle Thompson Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with the South Branch of Middle Thompson Creek.

COUCRF10B	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	g/L)		Iron	-	1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		ws
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

COUCRF11	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C		CL,CLL	CL,CLL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)			8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and					Iron		WS
eservoirs larg	ger than 25 acres surface area.		norganic (mg/l	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
12. All lakes a	and reservoirs tributary to the Roaring F		cific listings in S	eament 11.				
COUCRF12	Classifications	1	cal and Biologi	_			Metals (ug/L)	
Designation	Agriculture			DM	MWAT	-	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	20.3* ^B	Aluminum		
	Recreation E	Temperature °C		CL,CLL	CL,CLL	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
	DUWS*			acute	chronic	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Other:		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
		рН		6.5 - 9.0		Copper	TVS	TVS
and reservoirs	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	chlorophyll a (ug/L)			8*	Iron		WS
Classification	n: DUWS Applies only to Leonard	E. Coli (per 100 mL)			126	Iron		1000(T)
i nomas Res a	and Wildcat Res chronic) = applies only to lakes and					Lead	TVS	TVS
	ger than 25 acres surface area.		norganic (mg/l	L)		Manganese	TVS	TVS
Phosphorus(eservoirs larg	(4/1 - 12/31) = Ruedi Res							WS
Phosphorus(eservoirs larg Temperature	(4/1 - 12/31) = Ruedi Res)		9 (9	acute	chronic	Manganese		
Phosphorus(eservoirs larg Temperature		Ammonia		acute TVS	chronic TVS	Manganese Mercury		0.01(t)
Phosphorus(eservoirs larg Temperature								0.01(t) 160(T)
Phosphorus(eservoirs larg Temperature		Ammonia	(TVS	TVS	Mercury		
Phosphorus(eservoirs larg Temperature		Ammonia Boron	(TVS 	TVS 0.75	Mercury Molybdenum		160(T)
Phosphorus(eservoirs larg Temperature		Ammonia Boron Chloride	,	TVS 	TVS 0.75 250	Mercury Molybdenum Nickel	 TVS	160(T)
Phosphorus(eservoirs larg Temperature		Ammonia Boron Chloride Chlorine	,	TVS 0.019	TVS 0.75 250 0.011	Mercury Molybdenum Nickel Selenium	 TVS TVS	160(T) TVS TVS
Phosphorus(eservoirs larg Temperature		Ammonia Boron Chloride Chlorine Cyanide Nitrate		TVS 0.019 0.005	TVS 0.75 250 0.011	Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	160(T) TVS TVS
Phosphorus(eservoirs larg Temperature		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Mercury Molybdenum Nickel Selenium Silver Uranium	 TVS TVS TVS	160(T) TVS TVS TVS(tr)
*Phosphorus(reservoirs larg		Ammonia Boron Chloride Chlorine Cyanide Nitrate		TVS 0.019 0.005 10	TVS 0.75 250 0.011	Mercury Molybdenum Nickel Selenium Silver Uranium	 TVS TVS TVS	160(T) TVS TVS TVS(tr)

COUCNP01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide					
		Suilide		0.002			
	of the Encampment River, including	all tributaries and wetlands, from the	e source to the Colo		ing border, except for thos		n Segment 1.
COUCNP02	Classifications		e source to the Colo Biological	rado/Wyomi	ng border, except for tho	Metals (ug/L)	
COUCNP02 Designation	Classifications Agriculture	all tributaries and wetlands, from the Physical and	e source to the Colo Biological DM	rado/Wyomi		Metals (ug/L)	n Segment 1.
COUCNP02 Designation	Classifications Agriculture Aq Life Cold 1	all tributaries and wetlands, from the	e source to the Colo Biological DM CS-I	mwat CS-I	Aluminum	Metals (ug/L) acute	chronic
COUCNP02	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C	e source to the Colo Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COUCNP02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	e source to the Colo Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L) D.O. (spawning)	e source to the Colo Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L)	chronic 0.02(T) TVS
COUCNP02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	e source to the Colo Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	e source to the Colo Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COUC NP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUC NP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUC NP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SS 1000(T) TVS TVS US 0.01(t)
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S TVS US 1000(T) TVS US 0.01(t) 160(T) TVS
COUCNP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
COUC NP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	mwat CS-I chronic 6.0 7.0 150 205 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic
COUC NP02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	e source to the Colo Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic

COUCNP03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
table repbylled	/ma/m²\/ahrania\ — annliae anlu ahaus	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
the facilities list		E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(c facilities listed :	chronic) = applies only above the at 33 5(4)				Iron		WS
	2.00.0(1).	Inorgan	ic (mg/L)		Iron	-	1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese		TVS
		Boron		0.75	Manganese	TVS	WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite	-	0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	es to the North Platte River system, inc	<u> </u>		uded in Segn	nent 1, and specific listin		a and 7b.
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
	Water Supply	D.O. (/II.)	acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	Water Guppry	D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)	6.5 - 9.0	7.0	Cadmium	TVS(tr)	TVS
Other:		рН	0.5 - 9.0		Chromium III	50(T)	TVS
		ablaran bull a (mar/m2)		150	Ob	T) (0	T) (O
Temporary Mo		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chronic	c) = hybrid	chlorophyll a (mg/m²) E. Coli (per 100 mL)		150 126	Copper	TVS	TVS
Arsenic(chronic		E. Coli (per 100 mL)			Copper Iron		TVS WS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)	 ic (mg/L)	126	Copper Iron	TVS 	TVS WS 1000(T)
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)	ic (mg/L)	126	Copper Iron Iron Lead	TVS TVS	TVS WS 1000(T) TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia	ic (mg/L) acute TVS	chronic TVS	Copper Iron Iron Lead Manganese	TVS TVS TVS	TVS WS 1000(T) TVS TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	126 chronic TVS 0.75 250	Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS

4b. Mainstem of the Illinois River, including all tributaries and wetlands, from a point immediately below the confluence with Indian Creek to the confluence with the Michigan River except for specific listings in Segments 7a and 7b. Mainstem of the Canadian River below 12E Road to the confluence with the North Platte River. All tributaries which enter the mainstem of the Canadian River from the southwest side of the mainstem.

COUCNP04B	Classifications	Physical and Biolo	gical		M	letals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	, s.mp.s.a.a.	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	1	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0	_	Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Temporary Mo	* /	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Arsenic(chroni	•	E. doil (per 100 lile)		120	Iron		WS
Expiration Date	e of 12/31/2021	Inorgania (m	~/I \		Iron		1000(T)
		Inorganic (m		ah na ni a	Lead	TVS	TVS
			acute	chronic			TVS
		Ammonia	TVS	TVS	Manganese	TVS	
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	_	to a point immediately below the confl	uence with the	North Fork	Michigan River.		
	Classifications	Physical and Biolo	•		M	letals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	f 40/04/0004						MC
Expiration Date	e of 12/31/2021				Iron		WS
Expiration Date	e of 12/31/2021	Inorganic (m	g/L)		Iron		1000(T)
Expiration Date	e of 12/31/2021	Inorganic (m	g/L) acute	chronic			
Expiration Date	e of 12/31/2021	Inorganic (m	- · · · · · · · · · · · · · · · · · · ·	chronic TVS	Iron		1000(T)
Expiration Date	e of 12/31/2021	,	acute		Iron Lead	TVS	1000(T) TVS
Expiration Date	e of 12/31/2021	Ammonia	acute TVS	TVS	Iron Lead Manganese	TVS TVS	1000(T) TVS TVS
Expiration Date	e of 12/31/2021	Ammonia Boron	acute TVS	TVS 0.75	Iron Lead Manganese Manganese	TVS TVS 	1000(T) TVS TVS WS
Expiration Date	e of 12/31/2021	Ammonia Boron Chloride	acute TVS 	TVS 0.75 250	Iron Lead Manganese Manganese Mercury	 TVS TVS 	1000(T) TVS TVS WS 0.01(t)
Expiration Date	e of 12/31/2021	Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum	 TVS TVS 	1000(T) TVS TVS WS 0.01(t) 160(T)
Expiration Date	e of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Expiration Date	e of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Expiration Date	e of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Expiration Date	e of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05 0.11	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

COUCNP05B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni		E. Coli (per 100 mL)		630	Copper	TVS	TVS
	e of 12/31/2021				Iron		WS
Phoenhorue/	chronic) = applies only above the	Inorgan	ic (mg/L)		Iron		1000(T)
acilities listed		-	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
6. Mainstem o	f Pinkham Creek from the Routt Nati	ional Forest boundary to the conflu	ence with the North	Platte River			
COUCNP06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			Beryllium		
	water Supply			6.0	,		
Qualifiers:	water Suppry	D.O. (spawning)		6.0 7.0	Cadmium	TVS(tr)	TVS
Qualifiers: Other:	vvater Suppry	D.O. (spawning) pH			-		
	үчис эцрру			7.0	Cadmium	TVS(tr)	TVS
	үччис Эпрріу	рН	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS TVS
	үччис Эпрріу	pH chlorophyll a (mg/m²)	6.5 - 9.0 	7.0	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
	үчис эцрргу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
	үччис Эпрріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
	үччис Эпрріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	7.0 630	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
	үччис Эпрріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 ic (mg/L)	7.0 630 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
	үчис Эцрргу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	7.0 630 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
	үччис Эцрріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	 6.5 - 9.0 ic (mg/L) acute TVS	7.0 630 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
	үчис Эцрргу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	 6.5 - 9.0 ic (mg/L) acute TVS 	7.0 630 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
	үчис Эцрріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	7.0 630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
	учися Зирріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
	үччис Эцрріу	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
	үчис Эцрру	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 630 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

COUCNP07A	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium	_	
Fish Ingestio	n	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgani	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
7b. Mainstem	of Spring Creek from the outl	et of Spring Creek (Number 31) Reservoir	to the confluence w	ith the Illino	is River.		
COUCNP07B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	
Reviewable	Aq Life Cold 2					acute	chronic
	•	Temperature °C	CS-II	CS-II	Aluminum		chronic
	Recreation N	Temperature °C	CS-II acute	CS-II chronic	Aluminum Arsenic		
	Recreation N	D.O. (mg/L)					
	Recreation N	·	acute	chronic	Arsenic	 340	7.6(T)
Fish Ingestio	Recreation N	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Beryllium	 340 	7.6(T)
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	7.6(T) TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) TVS	7.6(T) TVS TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T) TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 340 TVS(tr) TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T)
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	acute 6.5 - 9.0 	6.0 7.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS TVS TVS TVS TVS TVS TVS
ish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 0.01(t)
ish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T)
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T)
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Qualifiers: Fish Ingestio Other:	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Fish Ingestio	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	chronic 6.0 7.0 630 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS TVS TVS TVS TVS TVS T

COUCNP08	Classifications	Physic	cal and Biologi	ical			Metals (ug/L)	<u> </u>
Designation	Agriculture	-		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C		CL,CLL	CL,CLL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		_
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)			8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and ger than 25 acres surface area.					Iron		WS
eservoirs raig	ger tilali 25 acres surface area.	ı	norganic (mg/l	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
9. All lakes an	nd reservoirs tributary to the North Platt	e and Encampment Rive	rs except for sp	ecific listing	s in Segment	8.		
COUCNP09	Classifications	Physic	cal and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	18.8*	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	20.1*	Arsenic	340	0.02(T)
	Water Supply	Temperature °C	4/1 - 12/31	CLL*	1.2*	Beryllium		-
Qualifiers:		Temperature °C		CL,CLL	CL,CLL	Cadmium	TVS(tr)	TVS
Other:						Chromium III	50(T)	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes			acute	chronic	Chromium VI	TVS	TVS
and reservoirs	larger than 25 acres surface area.	D.O. (mg/L)			6.0	Copper	TVS	TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (spawning)			7.0	Iron		WS
*Temperature	(4/1 - 12/31) = South Delaney Lake	pH		6.5 - 9.0		Iron		1000(T)
(MWAT=18.8) *Temperature) (4/1 - 12/31) = North Delaney Lake	chlorophyll a (ug/L)			8*	Lead	TVS	TVS
(MWAT=20.1)) (4/1 - 12/31) = Lake John	E. Coli (per 100 mL)			126	Manganese	TVS	TVS
MWAT=1.2)	(4/1 - 12/31) – Lake John					Manganese		WS
		ı	norganic (mg/l	L)		Mercury		0.01(t)
				acute	chronic	Molybdenum		160(T)
		Ammonia		TVS	TVS	Nickel	TVS	TVS
		Boron			0.75	Selenium	TVS	TVS
		Chloride			250	Silver	TVS	TVS(tr)
		Chlorine		0.019	0.011	Uranium		
		Cyanide		0.005		Zinc	TVS	TVS
		Nitrate		10				
		Nitrite			0.05			
		Phosphorus			0.025*			
		i ilospilorus			0.020			
		Sulfate			WS			

COUCYA01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
2a. Mainstem	of the Yampa River from the confluenc	e with Wheeler Creek to a point	immediately above	the confluen	ce with Oak C reek.		
COUCYA02A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	abrania
	_ ~					acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I acute		Aluminum Arsenic		0.02(T)
Reviewable	Aq Life Cold 1	Temperature °C D.O. (mg/L)		CS-I			-
	Aq Life Cold 1 Recreation E		acute	CS-I chronic	Arsenic	 340	 0.02(T)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	acute	CS-I chronic 6.0	Arsenic Beryllium	340 	 0.02(T)
Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	 0.02(T) TVS
Qualifiers: Other: chlorophyll a	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Qualifiers: Other: Inchlorophyll a he facilities lise	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: chlorophyll a he facilities lis Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
he facilitiés lis	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
Qualifiers: Other: Inchlorophyll a he facilities lise	Aq Life Cold 1 Recreation E Water Supply (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS SS 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS

COUCYA02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	. ,	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

3. All tributaries to the Yampa River, including all wetlands, from the source to the confluence with Elk River, except for specific listings in Segments 4-8, 13a-f and 19. Mainstem of the Bear River, including all tributaries and wetlands from the boundary of the Flat Tops Wilderness Area to the confluence with the Yampa River.

COUCYA03	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	_	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021				Iron		WS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgani	ic (mg/L)		Iron		1000(T)
the facilities lis	ited at 33.5(4).		acute	chronic	Lead	TVS	TVS
^Pnospnorus(d facilities listed	chronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

		n the source to the confluence with the Y	allipa Kivel.		T		
COUCYA04	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	5.0(T)	
Other:		рН	6.5 - 9.0		Chromium III	50(T)	
		chlorophyll a (mg/m²)			Chromium VI	50(T)	
		E. Coli (per 100 mL)		630	Copper	-	200(T)
					Iron		WS
		Inorgani	c (mg/L)		Lead	50(T)	
			acute	chronic	Manganese	TVS	TVS
		Ammonia			Manganese		WS
		Boron		0.75	Mercury	2.0(T)	
		Chloride		250	Molybdenum		160(T)
		Chlorine			Nickel		100(T)
		Cyanide	0.005		Selenium		20(T)
		Nitrate	10		Silver	100(T)	
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	2000(T)	2000(T)
		Sulfate		WS			
		Sulfide		0.002			
5. Mainstem o	of Chimney Creek, including all	tributaries and wetlands, which are not o	n National Forest la	ands, from th	e source to the conflue	nce with the Yampa Riv	/er.
COUCYA05	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		_
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)					
		D.O. (Spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr)	TVS TVS
		рН	6.5 - 9.0	-	Chromium III	TVS	TVS
		pH chlorophyll a (mg/m²)	6.5 - 9.0	 150	Chromium III Chromium III	TVS 	TVS 100(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	 150	Chromium III Chromium III Chromium VI	TVS TVS	TVS 100(T) TVS TVS
		pH chlorophyll a (mg/m²)	6.5 - 9.0 c (mg/L)	150 205	Chromium III Chromium III Chromium VI Copper	TVS TVS TVS	TVS 100(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 c (mg/L) acute	150 205 chronic	Chromium III Chromium III Chromium VI Copper Iron	TVS TVS TVS	TVS 100(T) TVS TVS 1000(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0 c (mg/L) acute TVS	150 205 chronic TVS	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 c (mg/L) acute	150 205 chronic	Chromium III Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 c (mg/L) acute TVS	 150 205 chronic TVS 0.75	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 c (mg/L) acute TVS 0.019	 150 205 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	150 205 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	150 205 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	150 205 chronic TVS 0.75 0.011 0.05	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100		Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	150 205 chronic TVS 0.75 0.011 0.05	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS TVS

COUCYA06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	, ,	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		ws
		Inorgani	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
 Mainstem o 	f Oak Creek, including all tributaries an	d wetlands, from a point 0.25 mi	le below County Ro	ad 27 to the	confluence with the Yar	mpa River.	
'. Mainstem o	f Oak Creek, including all tributaries an Classifications	d wetlands, from a point 0.25 mi Physical and		oad 27 to the	confluence with the Yar	mpa River. Metals (ug/L)	
OUCYA07		· · · · · · · · · · · · · · · · · · ·		oad 27 to the	confluence with the Yar		chronic
COUCYA07 Designation	Classifications	· · · · · · · · · · · · · · · · · · ·	Biological		confluence with the Yar	Metals (ug/L)	chronic
OUCYA07 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	
OUCYA07 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	
COUCYA07 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and I	Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	0.02(T)
COUCYA07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340 TVS(tr)	0.02(T)
COUCYA07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340	0.02(T) TVS
coucyA07 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T)	0.02(T) TVS TVS
COUCYA07 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS TVS
Designation Reviewable Reviewable Reviewable Reviewable Reviewable Reviewable Reviewable Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid ie of 12/31/2021	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroneixpiration Data chlorophyll a	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150* 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chilorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 cic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150* 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T)
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chilorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chilorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
eviewable dualifiers: Other: demporary Marsenic(chron expiration Data chlorophyll a large facilities lise phosphorus(expiration).	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS TVS U00(T) TVS TVS VS U00(T) TVS US
eviewable dualifiers: Other: demporary Marsenic(chron expiration Data chlorophyll a large facilities lise phosphorus(expiration).	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-II acute	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS 1000(T) TVS TVS VS 0.01(t)
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chilorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chilorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCYA07 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chilorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
COUCYA07 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data chlorophyll a he facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 33.5(4). chronic) = applies only above the	Physical and I	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	 0.02(T) TVS TVS TVS TVS

and 20b.	T.	1			Metals (ug/L)			
COUCYA08	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	0.02(T)	
	Water Supply	D.O. (mg/L)		6.0	Beryllium		-	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:		pH	6.5 - 9.0	-	Chromium III	50(T)	TVS	
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS	
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS	
Expiration Dat	e of 12/31/2021				Iron		WS	
*chloronhyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		1000(T)	
he facilities lis	sted at 33.5(4).		acute	chronic	Lead	TVS	TVS	
'Phosphorus(d facilities listed	chronic) = applies only above the at 33.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS	
		Boron		0.75	Manganese		WS	
		Chloride		250	Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	10		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(tr)	
		Phosphorus		0.11*	Uranium			
		Sulfate		WS	Zinc	TVS	TVS	
		Sulfide		0.002	Zinc		TVS(sc)	
9. Deleted.								
COUCYA09	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	·		DM	MWAT		acute	chronic	
	-							
Qualifiers:			acute	chronic				
Other:								
		Inorgan	ic (mg/L)		1			
		l			4			

10. Deleted.							
COUCYA10	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	,		 -		
			acute	chronic			
11 Fieb Cree	k including all tributoring and wall	ands, from the source to County Road	27 aveant for an a	aifia liatinga i	n Co amont 20		
COUCYA11	Classifications	Physical and I		cinc listings i	n Segment 20.	Metals (ug/L)	
Designation	Agriculture	1 Hysical and 1	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		рН	6.5 - 9.0		Chromium III		100(T)
		chlorophyll a (mg/m²)			Chromium VI		100(T)
		E. Coli (per 100 mL)		630	Copper	200(T)	
					Iron		
		Inorgani	c (mg/L)		Lead		100(T)
			acute	chronic	Manganese		200(T)
		Ammonia			Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel		200(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver		
		Nitrate	100		Uranium		
		Nitrite		0.05	Zinc		2000(T)
		Phosphorus		0.11			
		Sulfate					
		Sulfide		0.002			

COUCYA12	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		рН	6.5 - 9.0		Chromium III		100(T)
		chlorophyll a (mg/m²)			Chromium VI		100(T)
		E. Coli (per 100 mL)		630	Copper	200(T)	
					Iron		
		Inorgani	ic (mg/L)		Lead		100(T)
			acute	chronic	Manganese		200(T)
		Ammonia			Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel		200(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver		
		Nitrate	100		Uranium		
		Nitrite		0.05	Zinc		2000(T)
		Phosphorus		0.11			
		Sulfate					
		Sulfide		0.002			
13a. Mainsten	of Trout Crook, including all						
enocific licting		tributaries and wetlands, from the source t	to the confluence w	vith the Yamp	oa River, which are not o	n National Forest lands	, except for
	s in Segments 13b, 13c, 13f,	and 13g.		vith the Yamp	oa River, which are not o		, except for
OUCYA13A				with the Yamp	oa River, which are not o	n National Forest lands Metals (ug/L) acute	chronic
OUCYA13A Designation	s in Segments 13b, 13c, 13f, Classifications	and 13g.	Biological		oa River, which are not o	Metals (ug/L)	
OUCYA13A Designation	s in Segments 13b, 13c, 13f, Classifications Agriculture	and 13g. Physical and I	Biological DM	MWAT		Metals (ug/L)	chronic
OUCYA13A Designation	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1	and 13g. Physical and I	Biological DM CS-I	MWAT CS-I	Aluminum Arsenic	Metals (ug/L) acute	chronic
COUCYA13A Designation Reviewable	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum	Metals (ug/L) acute 340	chronic 0.02(T)
	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C	DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T)
COUCYA13A Designation Reviewable Qualifiers:	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	and 13g. Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340	chronic 0.02(T) TVS
COUCYA13A Designation Reviewable Qualifiers: Other:	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COUCYA13A Designation Reviewable Coualifiers: Other: Description Course of the country of the co	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COUCYA13A Designation Reviewable Coualifiers: Other: Description Course of the country of the co	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	and 13g. Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS
COUCYA13A Designation Reviewable Coualifiers: Other: Description Course of the country of the co	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS WS 1000(T)
COUCYA13A designation deviewable dualifiers: other: demporary M descriptions	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS
COUCYA13A designation deviewable dualifiers: other: demporary M descriptions	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic
OUCYA13A esignation eviewable ualifiers: ther: emporary M rsenic(chron	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
OUCYA13A esignation eviewable ualifiers: ther: emporary M rsenic(chron	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
OUCYA13A esignation eviewable ualifiers: ther: emporary M rsenic(chron	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS US 0.01(t)
OUCYA13A esignation eviewable ualifiers: ther: emporary M rsenic(chron	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
OUCYA13A esignation eviewable ualifiers: ther: emporary M rsenic(chron	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
OUCYA13A esignation eviewable ualifiers: ther: emporary M rsenic(chron	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 Ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COUCYA13A designation deviewable dualifiers: other: demporary M descriptions	s in Segments 13b, 13c, 13f, Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	and 13g. Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

13b. Mainstem of Foidel Creek, including all tributaries and wetlands. Mainstem Fish Creek, including all tributaries from County Road 27 downstream to the confluence with Trout Creek, except for specific listings in Segment 13g. Middle Creek and all tributaries, from County Road 27 downstream to the confluence with Trout Creek. **Physical and Biological** COUCYA13B Classifications Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Reviewable Aq Life Warm 1 Temperature °C WS-II WS-II Aluminum Recreation E acute chronic 340 7.6(T) Arsenic Qualifiers: D.O. (mg/L) 6.0 Beryllium D.O. (spawning) 7.0 Cadmium TVS(tr) TVS Other: рΗ 6.5 - 9.0TVS Chromium III **TVS** Temporary Modification(s): chlorophyll a (mg/m²) 150 Chromium III 100(T) Selenium(chronic) = current conditions* 126 E. Coli (per 100 mL) Chromium VI TVS TVS Expiration Date of 12/31/2018 TVS Copper **TVS** *Iron(chronic) = See section 33.6(4) for iron 1000(T)* Iron Inorganic (mg/L) assessment locations. *Iron(chronic) = 2,090(T) ug/L for Middle Creek. chronic Iron 3/1 - 6/30 2090(T)* acute See section 33.6(4) for iron assessment locations. Ammonia TVS **TVS** Lead **TVS TVS** TempMod: Selenium = for Foidel and Middle Boron 0.75 Manganese TVS TVS 0.01(t)Mercury Chloride 160(T) Chlorine 0.019 0.011 Molvbdenum Nickel TVS TVS Cyanide 0.005 Selenium TVS TVS Nitrate 100 0.05 Silver TVS TVS(tr) Nitrite Uranium Phosphorus 0.11 Zinc Sulfate TVS TVS Sulfide 0.002 13c. Mainstem of Trout Creek from the headgate of Spruce Hill Ditch (approximately 2,500 feet north of where County Road 27 crosses Trout Creek) to its confluence with Fish Creek. All tributaries to Trout Creek from the headgate of Spruce Hill Ditch (approximately 2,500 feet north of where County Road 27 crosses Trout Creek) to County Road 179

except for spe	cific listings in 13b.	тр. 200 г. н – логи (ор	,, <u> </u>	,					
COUCYA13C	Classifications	Physica	al and Biolog	ical			Metals (u	ig/L)	
Designation	Agriculture			DM	MWAT			acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-II	CS-II	Aluminum			
	Recreation E			acute	chronic	Arsenic		340	7.6(T)*
	Water Supply 6/1 - 2/29	D.O. (mg/L)			6.0	Beryllium			
Qualifiers:		D.O. (spawning)			7.0	Cadmium		TVS(tr)	TVS
Other:		pН		6.5 - 9.0		Chromium III		TVS*	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			150	Chromium III			100(T)
Arsenic(chroni	. ,	E. Coli (per 100 mL)			126	Chromium VI		TVS	TVS
Expiration Date	e of 12/31/2021					Copper		TVS	TVS
****	40 4 5 04 040	In	organic (mg/	L)		Iron	6/1 - 2/29		WS
, ,	= 10 mg/L from 6/1 - 2/29 nic) = 0.02(T) ug/L from 6/1 - 2/29			acute	chronic	Iron			1000(T)
,	facute) = 50(T) ug/L from 6/1 - 2/29	Ammonia		TVS	TVS	Lead		TVS	TVS
	hronic) = WS from 6/1 - 2/29	Boron			0.75	Manganese		TVS	TVS*
wanganese(c	1110110) = VV	Chloride	6/1 - 2/29		250	Mercury			0.01(t)
		Chlorine		0.019	0.011	Molybdenum			160(T)
		Cyanide		0.005		Nickel		TVS	TVS
		Nitrate		100*		Selenium		TVS	TVS
		Nitrite			0.05	Silver		TVS	TVS(tr)
		Phosphorus			0.11	Uranium			
		Sulfate	6/1 - 2/29		WS	Zinc		TVS	TVS
		Sulfide			0.002				

13d. Mainstem	of Dry Creek, including all tributaries a	and wetlands, from the source to j	ust above the con	fluence with	Temple Gulch.			
COUCYA13D	Classifications	Physical and B	iological			Metals (u	ug/L)	
Designation	Agriculture		DM	MWAT			acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic		340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium			
Other:		pН	6.5 - 9.0		Cadmium		TVS	TVS
Temporary Mo	ndification(s):	chlorophyll a (mg/m²)		150	Chromium III		TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III			100(T)
, ,	e of 12/31/2016	Inorganic	(mg/L)		Chromium VI		TVS	TVS
Selenium(chro	nic) = current conditions		acute	chronic	Copper		TVS	TVS
Expiration Date	e of 12/31/2018	Ammonia	TVS	TVS	Iron	5/1 - 2/29		1110(T)*
Iron(chronic) =	= See section 33.6(4) for iron	Boron		0.75	Iron	3/1 - 4/30		3040(T)
assessment loo	cations.	Chloride			Lead		TVS	TVS
assessment lo	= See section 33.6(4) for iron cations.	Chlorine	0.019	0.011	Manganese		TVS	TVS
		Cyanide	0.005		Mercury			0.01(t)
		Nitrate	100		Molybdenum			160(T)
		Nitrite		0.05	Nickel		TVS	TVS
		Phosphorus		0.17	Selenium		TVS	TVS
		Sulfate			Silver		TVS	TVS
		Sulfide		0.002	Uranium			
					Zinc		TVS	TVS
13e. Mainstem	of Sage Creek, including all tributaries	and wetlands, from its sources to	the confluence v	vith the Yamı	oa River.			
COUCYA13E	Classifications	Physical and B	iological			Metals (ı	ug/L)	
	Classifications Agriculture	Physical and B	iological DM	MWAT		Metals (ı	ug/L) acute	chronic
Designation UP	Agriculture Aq Life Warm 2	Physical and B Temperature °C		MWAT WS-II	Aluminum	Metals (u		chronic
Designation UP	Agriculture		DM		Aluminum Arsenic	Metals (ı	acute	chronic 100(T)
Designation UP	Agriculture Aq Life Warm 2		DM WS-II	WS-II		Metals (u	acute	
Designation UP	Agriculture Aq Life Warm 2	Temperature °C	DM WS-II acute	WS-II chronic	Arsenic	Metals (i	acute 340	 100(T)
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L)	DM WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	Metals (i	acute 340	 100(T)
Designation UP Qualifiers: Other: Temporary Mo	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium	Metals (i	acute 340 TVS	 100(T) TVS
Designation UP Qualifiers: Other: Temporary Mo Selenium(chronometrical)	Agriculture Aq Life Warm 2 Recreation N odification(s):	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III	Metals (i	acute 340 TVS TVS	 100(T) TVS TVS
Designation UP Qualifiers: Other: Temporary Mo Selenium(chroi Expiration Date	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions e of 12/31/2018	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (i	acute 340 TVS TVS	100(T) TVS TVS 100(T)
Designation UP Qualifiers: Other: Temporary Mo Selenium(chroric Expiration Date *Iron(chronic) = Creek. See se	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 (mg/L)	WS-II chronic 5.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (i	acute 340 TVS TVS TVS	 100(T) TVS TVS 100(T) TVS
Designation UP Qualifiers: Other: Temporary Mc Selenium(chroi Expiration Date *Iron(chronic) = Creek. See se locations.	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM WS-II acute 6.5 - 9.0 (mg/L) acute	## WS-II chronic 5.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (i	acute 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS
Qualifiers: Other: Temporary Mo Selenium(chroi Expiration Date *Iron(chronic) = Creek. See se locations. *Iron(chronic) = Creek. Break t	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions e of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage between Upper and Lower Sage	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM WS-II acute 6.5 - 9.0 (mg/L) acute	ws-II chronic 5.0 630 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (i	acute 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS
Designation UP Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions e of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS	ws-II chronic 5.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS 1250(T)*
Designation UP Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS	## WS-II chronic 5.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T)* 1250(T)* TVS
Designation UP Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019	## Chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T)* TVS TVS TVS
Designation UP Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T)* 1250(T)* TVS TVS 0.01(t)
Designation UP Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T)* 1250(T)* TVS TVS 0.01(t) 160(T)
Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek. Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	## Chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T)* 1250(T)* TVS TVS 0.01(t) 160(T) TVS
Qualifiers: Other: Temporary Mc Selenium(chroic) = Creek. See se locations. *Iron(chronic) = Creek. Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	Chronic 5.0 630 Chronic TVS 0.75 0.011 0.05 0.17	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T)* TVS 1250(T)* TVS TVS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Temporary Mc Selenium(chroid) Expiration Date *Iron(chronic) = Creek. See se locations. *Iron(chronic) = Creek Break to Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	Chronic 5.0 630 Chronic TVS 0.75 0.011 0.05 0.17	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T)* TVS 1250(T)* TVS TVS 0.01(t) 160(T) TVS TVS
Qualifiers: Other: Temporary Mc Selenium(chroi Expiration Date *Iron(chronic) = Creek. See se locations. *Iron(chronic) = Creek. Break t Creek is the we	Agriculture Aq Life Warm 2 Recreation N odification(s): nic) = current conditions of 12/31/2018 = 1,000(T) ug/L on Lower Sage ction 33.6(4) for iron assessment = 1,250(T) ug/L on Upper Sage oetween Upper and Lower Sage set border of Section 18, T5N, R87W.	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100	Chronic 5.0 630 Chronic TVS 0.75 0.011 0.05 0.17	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (i	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T)* 1250(T)* TVS TVS 0.01(t) 160(T) TVS TVS

COUCYA13F	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni		E. Coli (per 100 mL)	_	126	Copper	TVS	TVS
•	e of 12/31/2021				Iron		WS
·		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
13q. All tributa	ries to Fish Creek from the confl	uence with Cow Camp Creek to the co	influence with Trout				
	Classifications	Physical and		<u> </u>		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	ndification(s):	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
	nic) = current conditions	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Selenium (chro	e of 12/31/2018	Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		1000(T)
					Lead	TVS	TVS
		Ammonia	TVS	TVS		1 0 0	
		Ammonia Boron	TVS 	TVS 0.75	Manganese	TVS	TVS
							TVS 0.01(t)
		Boron		0.75	Manganese	TVS	
		Boron Chloride		0.75	Manganese Mercury	TVS 	0.01(t)
		Boron Chloride Chlorine	 0.019	0.75 0.011	Manganese Mercury Molybdenum	TVS 	0.01(t) 160(T)
		Boron Chloride Chlorine Cyanide	0.019 0.005	0.75 0.011	Manganese Mercury Molybdenum Nickel	TVS TVS	0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005	0.75 0.011 	Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	0.01(t) 160(T) TVS TVS
		Boron Chloride Chlorine Cyanide Nitrate	0.019 0.005 100	0.75 0.011 0.05	Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	0.01(t) 160(T) TVS TVS

	Classifications	Physical and	· · · · · · · · · · · · · · · · · · ·		nfluence with the Yampa River near Hayden. Metals (ug/L)			
Designation Designation	Agriculture	1 Hysicai and	DM	MWAT		acute	chronic	
UP	Ag Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E	Tomporature o	acute	chronic	Arsenic	340	7.6(T)	
Qualifiers:	II	D.O. (mg/L)		5.0	Beryllium			
Other:		pH	6.5 - 9.0		Cadmium	TVS(T)	TVS	
oulor.		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS	
*Iron(chronic) assessment lo	= See section 33.6(4) for iron	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS	
assessifierii io	ications.	Inorgan	ic (mg/L)		Copper	TVS	TVS	
			acute	chronic	Iron		1000(T)*	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron		0.75	Manganese	TVS	TVS	
		Chloride			Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	100		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(T)	
		Phosphorus		0.17	Uranium			
		Sulfate			Zinc	TVS	TVS	
		Sulfide		0.002				
13i. Mainstem	of Grassy Creek, including all tribu	taries and wetlands, from the source	e to immediately ab	ove the confl	luence with Scotchmans	Gulch.		
COUCYA13I	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation N		acute	chronic	Arsenic	340	100(T)	
Qualifiers:		D.O. (mg/L)		5.0	Beryllium			
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS	
Γemporary M	odification(s):	chlorophyll a (mg/m²)			Chromium III	TVS	TVS	
ron(chronic) =	current conditions*	E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS	
Expiration Dat	e of 12/31/2017	Inorgan	ic (mg/L)		Copper	TVS	TVS	
Selenium(chro	onic) = current conditions		acute	chronic	Iron		1000(T)*	
Expiration Dat	e of 12/31/2018	Ammonia	TVS	TVS	Lead	TVS	TVS	
Tron(chronic)	= See section 33.6(4) for iron	Boron		0.75	Manganese	TVS	TVS	
assessment lo		Chloride			Mercury	-	0.01(t)	
*TempMod: Iron = for Little Grassy Creek.		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	100		Selenium	TVS	TVS	
					Silver	TVS	TVS	
		Nitrite		0.05	1 -			
		Nitrite Phosphorus		0.05	Uranium			
							TVS	

Designation	Classifications	Physical and	Biological	Metals (ug/L)				
-	Agriculture		DM	MWAT		а	cute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation N		acute	chronic	Arsenic		340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium			
Other:		pН	6.5 - 9.0		Cadmium	1	ΓVS	TVS
		chlorophyll a (mg/m²)			Chromium III	1	ΓVS	TVS
'Selenium(acu assessment loo	ite) = See section 33.6(4) for selenium cations	E. Coli (per 100 mL)		630	Chromium VI	1	ΓVS	TVS
Selenium(chro	onic) = See section 33.6(4) for	Inorgan	ic (mg/L)		Copper	1	ΓVS	TVS
seienium asses	ssment locations.		acute	chronic	Iron			1000(T)
		Ammonia	TVS	TVS	Lead	1	ΓVS	TVS
		Boron		0.75	Manganese	1	ΓVS	TVS
		Chloride			Mercury			0.01(t)
		Chlorine	0.019	0.011	Molybdenum			160(T)
		Cyanide	0.005		Nickel	1	ΓVS	TVS
		Nitrate	100		Selenium	3/1 - 6/30 T	VS*	TVS*
		Nitrite		0.05	Silver	1	ΓVS	TVS
		Phosphorus		0.17	Uranium			
		Sulfate			Zinc	1	ΓVS	TVS
		Sulfide		0.002				
Designation	Agriculture	-	DM	MWAT		a	cute	chronic
	Ag Life Cold 1	Tomporature °C			Aluminum	d		CHIOIIC
	Recreation E	Temperature °C	CS-II	CS-II	Aluminum			
	Water Supply		acute	chronic			0.40	0.00(T)
	Water Gappiy			0.0	Arsenic	:	340	0.02(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium			
		D.O. (spawning)		7.0	Beryllium Cadmium	TVS	 S(tr)	TVS
		D.O. (spawning) pH	6.5 - 9.0	7.0	Beryllium Cadmium Chromium III	TVS 50	 S(tr) D(T)	TVS
		D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 150	Beryllium Cadmium Chromium III Chromium VI	TVS 50 T	 S(tr) D(T) TVS	TVS TVS TVS
Qualifiers: Other:		D.O. (spawning) pH	6.5 - 9.0	7.0	Beryllium Cadmium Chromium III Chromium VI Copper	TVS 50 T	 S(tr) D(T)	TVS TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 150	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS 50 T	 S(tr) D(T) TVS	TVS TVS TVS TVS WS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	7.0 150 126	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron	TVS 50 1	S(tr) D(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 ic (mg/L) acute	7.0 150 126 chronic	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 50 1 1	S(tr) O(T) TVS TVS TVS	TVS TVS TVS TVS WS TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS 50 1 1	O(T) O(T) VS VS VS VS	TVS TVS TVS TVS WS 1000(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS 50 1 1	O(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 150 126 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS 50 1 1	S(tr) O(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	7.0 150 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS 50 1 1	Signature FVS FVS FVS FVS FVS FVS FVS FVS FVS FVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 50 T		TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50		TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Marganese Mercury Molybdenum Nickel Selenium Silver	TVS 50		TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 150 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50 T T T T T		TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

COUCYA15	Classifications	Physical and	Physical and Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum				
	Recreation E		acute	chronic	Arsenic	340	0.02(T)		
	Water Supply	D.O. (mg/L)		5.0	Beryllium		_		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS		
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS		
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS		
		Inorgan	ic (mg/L)		Copper	TVS	TVS		
			acute	chronic	Iron		ws		
		Ammonia	TVS	TVS	Iron		1000(T)		
		Boron		0.75	Lead	TVS	TVS		
		Chloride		250	Manganese	TVS	TVS		
		Chlorine	0.019	0.011	Manganese		WS		
		Cyanide	0.005		Mercury		0.01(t)		
		Nitrate	10		Molybdenum		160(T)		
		Nitrite		0.05	Nickel	TVS	TVS		
		Phosphorus		0.17	Selenium	TVS	TVS		
		Sulfate		WS	Silver	TVS	TVS(tr)		
		Sulfide		0.002	Uranium				
					Zinc	TVS	TVS		
16. Deleted.	1	T							
	Classifications	Physical and				Metals (ug/L)			
Designation	-		DM	MWAT		acute	chronic		
Qualifiers:			acute	chronic					
-			acute	CITOTIC					
Other:		Inorgan	ic (mg/L)		-				
		illorgali	ic (iiig/L)		1				

17. Deleted.							
COUCYA17	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	c (mg/L)				
			acute	chronic			
	of the Little Snake River, including a			est boundary	to the Colorado/Wyom		
COUCYA18	Classifications	Physical and E				Metals (ug/L)	
Designation Reviewable	Agriculture Ag Life Cold 1	Townsersture °C	DM CS-I	MWAT CS-I	A lump in turn	acute	chronic
Reviewable	Recreation E	Temperature °C		chronic	Aluminum		0.02(T)
	Water Supply	D.O. (mg/L)	acute	6.0	Arsenic Beryllium	340	0.02(T)
Qualifiers:	,,,,	D.O. (fig/L)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Other.		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		,			Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

COUCYA19	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	_	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium		
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
20a. All tributa segment 20b.	ries to the Yampa River, including	wetlands, above the confluence with	Elkhead Creek tha	t are within t	National Forest boundarie	es, except for specific lis	tings in
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U				Aluminum		
			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	acute 	chronic 6.0			0.02(T)
Qualifiers:		D.O. (mg/L) D.O. (spawning)			Arsenic	340	
Qualifiers:				6.0	Arsenic Beryllium	340	
		D.O. (spawning)		6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	TVS
		D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	TVS
		D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 ic (mg/L)	6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	 6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	 6.5 - 9.0 ic (mg/L) acute TVS 	6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	 6.5 - 9.0 ic (mg/L) acute TVS 0.019	6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS

COUCYA20B	Classifications	Physical and I	Biological	Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)	_	630	Copper	TVS	TVS
					Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	nd reservoirs which are within the Mou			reas.	Г		
COUCYA21	Classifications	Physical and I				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E Water Supply		acute	chronic	Arsenic	340	0.02(T)
	water Suppry	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	larger than 25 acres surface area. chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	er than 25 acres surface area.				Iron		WS
		Inorgani			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
					Nickel	TVS	TVS
		Cyanide	0.005		0.1.	·	
		Nitrate	10		Selenium	TVS	TVS
		Nitrate Nitrite	10	0.05	Silver	TVS	TVS(tr)
		Nitrate Nitrite Phosphorus	10	0.05 0.025*	Silver Uranium	TVS 	TVS(tr)
		Nitrate Nitrite	10	0.05	Silver	TVS	TVS(tr)

22. All lakes and reservoirs tributary to the Yampa River from the source to the confluence with Elkhead Creek, except for those listed in Segment 21. All lakes and reservoirs tributary to Elkhead Creek from the source to the confluence with the Yampa River, except for specific listings in Segment 23. All lakes and reservoirs tributary to the Little Snake River, including those on National Forest lands.

COUCYA22	Classifications	Phys	ical and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	19.6* ^B	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	21.6* ^B	Arsenic	340	0.02(T)
	Water Supply	Temperature °C	4/1 - 12/31	CLL*	21.7* ^B	Beryllium		_
	DUWS*	Temperature °C		CL,CLL	CL,CLL	Cadmium	TVS(tr)	TVS
Qualifiers:						Chromium III	50(T)	TVS
Other:				acute	chronic	Chromium VI	TVS	TVS
		D.O. (mg/L)			6.0	Copper	TVS	TVS
	(ug/L)(chronic) = applies only above sted at 33.5(4), applies only to lakes	D.O. (spawning)			7.0	Iron		WS
and reservoirs	s larger than 25 acres surface area.	pH		6.5 - 9.0		Iron		1000(T)
Res. Steambo	at Lake and Yampa River Holding	chlorophyll a (ug/L)			8*	Lead	TVS	TVS
Pond *Phosphorus(chronic) = applies only above the	E. Coli (per 100 mL)			126	Manganese	TVS	TVS
facilities listed	at 33.5(4), applies only to lakes and					Manganese		ws
	ger than 25 acres surface area. (4/1 - 12/31) = Pearl Lake		Inorganic (mg/	L)		Mercury		0.01(t)
(MWAT=19.6)				acute	chronic	Molybdenum		160(T)
(MWAT=21.6))	Ammonia		TVS	TVS	Nickel	TVS	TVS
*Temperature (MWAT=21.7)	(4/1 - 12/31) = Stagecoach Res	Boron			0.75	Selenium	TVS	TVS
(11111711 21:17)	,	Chloride			250	Silver	TVS	TVS(tr)
		Chlorine		0.019	0.011	Uranium		
		Cyanide		0.005		Zinc	TVS	TVS
		Nitrate		10				
		Nitrite			0.05			
		Phosphorus			0.025*			
		Sulfate			WS			
		Sulfide			0.002			

23. Elkhead R	eservoir								
COUCYA23	Classifications	Physical and E	Biological		Metals (ug/L)				
Designation	Agriculture		DM	MWAT		acute	chronic		
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum				
	Recreation E		acute	chronic	Arsenic	340	0.02(T)		
	Water Supply	D.O. (mg/L)		6.0	Beryllium				
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS		
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS		
chlorophyll a (ug/L)(chronic) = applies only above the facilities listed at 33.5(4), applies only to lakes		chlorophyll a (ug/L)		8	Chromium VI	TVS	TVS		
		E. Coli (per 100 mL)		126	Copper	TVS	TVS		
	larger than 25 acres surface area. chronic) = applies only above the				Iron		ws		
facilities listed	at 33.5(4), applies only to lakes and	Inorgani	c (mg/L)		Iron		1000(T)		
reservoirs larg	er than 25 acres surface area.		acute	chronic	Lead	TVS	TVS		
		Ammonia	TVS	TVS	Manganese	TVS	TVS		
		Boron		0.75	Manganese		ws		
		Chloride		250	Mercury		0.01(t)		
		Chlorine	0.019	0.011	Molybdenum		160(T)		
		Cyanide	0.005		Nickel	TVS	TVS		
		Nitrate	10		Selenium	TVS	TVS		
		Nitrite		0.05	Silver	TVS	TVS(tr)		
		Phosphorus		0.025*	Uranium				
		Sulfate		WS	Zinc	TVS	TVS		
		Sulfide		0.002					

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

- A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.
- B) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.

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on 01/11/2016

5 CCR 1002-33

REGULATION NO. 33 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12)

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Jager

January 29, 2016 11:21:46

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

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5 CCR 1002-33

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5 CCR 1002-33 REGULATION NO. 33 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12) 1 - eff 06/30/2016

Effective date

06/30/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-33

REGULATION NO. 33
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
UPPER COLORADO RIVER BASIN AND
NORTH PLATTE RIVER (PLANNING REGION 12)

. . . .

33.55 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on two segments were reviewed.

Blue River segment 14: Temporary modification of the chronic molybdenum standard. Climax Molybdenum has presented evidence that they are making progress on the plan for eliminating the need for the temporary modification and on resolving the uncertainty regarding the underlying molybdenum standards on Blue River segment 14. However, the results of a key study will not be available in time for consideration in the June 2016 Basic Standards hearing. Therefore, the Commission extended the expiration date of the "current conditions" temporary modification for molybdenum to 12/31/2017 in order that the expected study results may be considered at a special hearing subsequent to the regularly scheduled Basic Standards hearing in June 2016.

Yampa River segment 13d: Temporary modification of the iron standard. Peabody Sage Creek Mining Company and Seneca Coal Company presented evidence that the expiration date of the iron temporary modification should be aligned with the expiration date of the iron temporary modification on Yampa River segment 13i (which was the subject of rulemaking last year). These segments are subject to the same study plan, and should have the same expiration date. The Commission extended the temporary modification to the iron standard for Yampa River segment 13d to 12/31/2017.

In addition, the Commission corrected the Regulation #33 numeric tables for Yampa River segment 13i to indicate that the iron temporary modification applies to Grassy Creek, not Little Grassy Creek. This correction is consistent with Regulation #33 and its Statements of Basis and Purpose for the iron temporary modification on Grassy Creek as adopted by the Commission in the Colorado Basin hearings in 2008 and 2014.

PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- Peabody Sage Creek Mining and Seneca Coal Company 5.
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8.
- City of Colorado Springs and Colorado Springs Utilities Tri-State Generation and Transmission Association, Inc. 9.
- 10. High Country Conservation Advocates
- U.S. Environmental Protection Agency 11.
- Colorado Parks and Wildlife 12.
- Town of Crested Butte and Coal Creek Watershed Coalition 13.
- Public Service Company of Colorado 14.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-33

REGULATION NO. 33
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
UPPER COLORADO RIVER BASIN AND
NORTH PLATTE RIVER (PLANNING REGION 12)

APPENDIX 33-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2016

COUCBL14	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temnorary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron	()	E. Coli (per 100 mL)		126	Copper	TVS	TVS
`	te of 12/31/2021				Iron		WS
//olybdenum	chronic) = current	Inorganic (mg/L)			Iron		1000(T)
conditions	10/01/0017		acute	chronic	Lead	TVS	TVS
expiration Dai	te of 12/31/2017	Ammonia	TVS	TVS	Manganese	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 33.5(4).	Boron		0.75	Manganese		WS
	chronic) = applies only above the	Chloride		250	Mercury		0.01(t)
acilities listed	l at 33.5(4).	Chlorine	0.019	0.011	Molybdenum		210(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COUCYA13D	Classifications	Physical and	Biological			Metals ((ug/L)	
Designation	Agriculture	, , , , , ,	DM	MWAT		-	acute	chronic
JP	Ag Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E	- Tomporataro O	acute	chronic	Arsenic		340	100(T)
Qualifiers:	1	D.O. (mg/L)		5.0	Beryllium			
Other:		pH	6.5 - 9.0		Cadmium		TVS	TVS
	to different and a	chlorophyll a (mg/m²)		150	Chromium III		TVS	TVS
	Iodification(s):	E. Coli (per 100 mL)		126	Chromium III			100(T)
, ,	carrent corrainer.		ic (mg/L)		Chromium VI		TVS	TVS
•	te of 12/31/2017 pnic) = current conditions	3	acute	chronic	Copper		TVS	TVS
-	te of 12/31/2018	Ammonia	TVS	TVS	Iron	5/1 – 2/29		1110(T)*
•		Boron		0.75	Iron	3/1 - 4/30		3040(T)*
ron(chronic) ssessment lo	= See section 33.6(4) for iron	Chloride			Lead		TVS	TVS
		Chlorine	0.019	0.011	Manganese		TVS	TVS
		Cyanide	0.005		Mercury			0.01(t)
		Nitrate	100		Molybdenum			160(T)
		Nitrite		0.05	Nickel		TVS	TVS
		Phosphorus		0.17	Selenium		TVS	TVS
		Sulfate			Silver		TVS	TVS
		Sulfide		0.002	Uranium			
					Zinc		TVS	TVS
.3i. Mainsterr	n of Grassy Creek, including all tributarie	s and wetlands, from the source	to immediately abo	ove the conflu	uence with Scotchma	ans Gulch.		
OUCYA13I	Classifications	Physical and	Biological			Metals ((ug/L)	
esignation	Agriculture		DM	MWAT			acute	chronic
IP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation N		acute	chronic	Arsenic		340	100(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium			
ther:		рН	6.5 - 9.0		Cadmium		TVS	TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium III		TVS	TVS
	= current conditions*	E. Coli (per 100 mL)		630	Chromium VI		TVS	TVS
	te of 12/31/2017	Inorgar	ic (mg/L)		Copper		TVS	TVS
•	onic) = current conditions		acute	chronic	Iron			1000(T)*
-	te of 12/31/2018	Ammonia	TVS	TVS	Lead		TVS	TVS
-		Boron		0.75	Manganese		TVS	TVS
ssessment lo	= See section 33.6(4) for iron ocations.	Chloride			Mercury			0.01(t)
	on = for Grassy Creek.	Chlorine	0.019	0.011	Molybdenum			160(T)
empMod: Ir		Cyanide	0.005		Nickel		TVS	TVS
rempMod: Ir			100		Selenium		TVS	TVS
ı empMod: Ir		Nitrate	100					
ı empMod: Ir		Nitrate Nitrite		0.05	Silver		TVS	TVS
≀empMod: Ir				0.05 0.17	Silver Uranium		TVS 	TVS
TempMod: Ir		Nitrite						

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

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5 CCR 1002-33

REGULATION NO. 33 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12)

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger

Judeick R. Jager

Solicitor General

January 29, 2016 11:20:28

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Department

Department of Public Health and Environment

Agency

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5 CCR 1002-34

Rule title

5 CCR 1002-34 REGULATION NO. 34 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN AND DOLORES RIVER BASINS 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34 CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN AND DOLORES RIVER BASINS

34.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

34.2 PURPOSE

These regulations establish classifications and numeric standards for the San Juan and the Dolores River Basins, including all tributaries and standing bodies of water south of the northern Dolores County lines, as indicated in section 34.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See Regulation No. 31 section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

34.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See section 34.6(4)). As additional stream segments are classified and numeric standards for designated parameters are assigned for this drainage system, they will be added to or replace the numeric standards in the tables in section 34.6(4). Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "basic regulations".

34.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

34.5 BASIC STANDARDS

(1) <u>TEMPERATURE</u>

All waters of the San Juan/Dolores River Basin are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) **QUALIFIERS**

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Tables 34.6(4). The column in the tables at 31.11 and 31.16 Table III headed "Fish Ingestion" is presumptively applied to all aquatic life class 1 streams which do not have a water supply classification, and are applied to aquatic life class 2 streams which do not have a water supply classification, on a case-by-case basis as shown in Tables 34.6(4).

(3) **URANIUM**

- (a) All waters of the San Juan/Dolores River Basin, are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 µg/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 ug/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) <u>INDIAN RESERVATIONS</u>

Some of the waterbodies in the San Juan/Dolores River Basin cross boundaries of Indian Reservations of the Southern Ute and Ute Mountain Ute Tribes. The Commission has included water quality classifications and standards on lands within the boundaries of these reservations in order to avoid a gap in the classifications and standards adopted for the river basins in question. The Southern Ute Indian tribe has not yet been granted authority by EPA to conduct their own water quality program, and EPA has granted the Ute Mountain Ute Indian tribe's application for treatment as a state with respect to adoption of water quality standards. The Commission intends that the classifications and standards that it is adopting apply to the lands in question only to the extent that the state has jurisdiction and is not attempting to resolve that jurisdictional issue here. Segments within Reservation boundaries are noted in the segment description and last column of Tables 34.6(4).

34.6 TABLES

(1) Introduction

The numeric standards for various parameters in this regulation and in the tables in Appendix 34-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the tables attached to Regulation No. 31. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) Abbreviations:

(a) The following abbreviations are used in this regulation and in the tables in Appendix 34-1:

°C = degrees Celsius

CL = cold lake temperature tier

CLL = cold large lake temperature tier

CS-I = cold stream temperature tier one

CS-II = cold stream temperature tier two

D.O. = dissolved oxygen

DM = daily maximum temperature

E.coli = escherichia coli mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters

sc = sculpin sp = spawning

SSE = site-specific equation

t = total

T = total recoverable

tr = trout

TVS = table value standard μg/l = micrograms per liter UP = use-protected

WAT = weekly average temperature

WS = water supply

WS-II = warm stream temperature tier two
WS-III = warm stream temperature tier three

WL = warm lake temperature tier

(b) In addition, the following abbreviations are used:

Fe(ch) = WS Mn(ch) = WS $SO_4 = WS$

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(i) existing quality as of January 1, 2000; or

(ii) Iron = $300 \mu g/l$ (dissolved) Manganese = $50\mu g/l$ (dissolved)

 $SO_4 = 250 \text{ mg/l}$

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

- (c) Temporary Modification for Water + Fish Chronic Arsenic Standard
 - (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 μ g/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
 - (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 μg/l (Trec), expiring on 12/31/2021.
 - (A) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (B) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (C) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) <u>Table Value Standards</u>

In certain instances in the tables in Appendix 34-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS (Concentrations in ug/l unless noted)

PARAMETER⁽¹⁾

TABLE VALUE STANDARDS⁽²⁾⁽³⁾

Aluminum
(Trec)

Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$ pH equal to or greater than 7.0

Chronic=e(1.3695[In(hardness)]-0.1158)

pH less than 7.0

Chronic= e^{(1.3695[In(hardness)]-0.1158)} or 87, whichever is less

$$acute = \frac{0.275}{1 + 10^{-7.204} - pH} + \frac{39.0}{1 + 10^{-pH - 7.204}}$$

$$chronic = \left(\frac{0.0577}{1 + 10^{-7.688 - pH}} + \frac{2.487}{1 + 10^{-pH - 7.688}}\right) * MIN\left(2.85, 1.45 * 10^{-0.028(25 - T)}\right)$$

Warm Water = (mg/l as N)Total

acute =
$$\frac{0.411}{1+10^{7.204}-pH} + \frac{58.4}{1+10^{pH}-7.204}$$

$$chronic \ (Apr1-Aug31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \\ \left(2.85, 1.45*10^{0.028(25-T)}\right)$$

$$chronic \; (Sep \, 1 - Mar \, 31) = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) * 1.45 * 10^{0.028*(25 - MAX(T, 7))}$$

NH₃ = old TVS

Cold Water Acute = 0.43/FT/FPH/2^(4 old)in mg/l (N)

Warm Water Acute = 0.62/FT/FPH/2^(4 old)in mg/ (N)

Cadmium

Acute = $(1.136672-[ln(hardness)x(0.041838)])xe^{0.9151[ln(hardness)]-3.1485}$

 $Acute(Trout) = (1.136672 - [ln(hardness)x(0.041838)])xe^{0.9151[ln(hardness)] - 3.6236}$

Chronic = $(1.101672-[ln(hardness)x(0.041838)]e^{0.7998[ln(hardness)]-4.4451}$

Chromium III⁽⁵⁾

Acute = $e^{(0.819[ln(hardness)]+2.5736)}$

Chronic= e^{(0.819[In(hardness)]+0.5340)}

Chromium VI⁽⁵⁾

Acute = 16

Chronic = 11

Copper

Acute = $e^{(0.9422[ln(hardness)]-1.7408)}$

Chronic = $e^{(0.8545[ln(hardness)]-1.7428)}$

Lead

Acute = $(1.46203-[ln(hardness)*(0.145712)])*e^{(1.273[ln(hardness)]-1.46)}$

Chronic = $(1.46203-[ln(hardness)*(0.145712)])*e^{(1.273[ln(hardness)]-4.705)}$

Manganese

Acute = $e^{(0.3331[ln(hardness)]+6.4676)}$

Chronic = $e^{(0.3331 [ln(hardness)]+5.8743)}$

Nickel

Acute = $e^{(0.846[ln(hardness)]+2.253)}$

Chronic = $e^{(0.846[ln(hardness)]+0.0554)}$

Selenium⁽⁶⁾

Acute = 18.4

Chronic = 4.6

Silver

Acute = $\frac{1}{2}e^{(1.72[\ln(\text{hardness})]-6.52)}$

Chronic = $e^{(1.72[ln(hardness)]-9.06)}$

Chronic(Trout) = $e^{(1.72[ln(hardness)]-10.51)}$

Temperature

TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	TEMPERAT STANDARI	_
				MWAT	DM
Cold Stream Tier 1	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7
			Oct. – May	9.0	13.0
Cold Stream Tier 2	CS-II	all other cold-water species	April – Oct.	18.3	23.9
		Species	Nov. – March	9.0	13.0
Cold Lakes	CL	brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2
		rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
Cold Large Lakes	CLL	rainbow trout, brown trout,	April – Dec.	18.3	23.8
(>100 acres surface area)		lake trout	Jan. – March	9.0	13.0
Warm Stream Tier 2	WS-II	brook stickleback, central stoneroller, creek chub,	March – Nov.	27.5	28.6
		longnose dace, Northern redbelly dace, finescale dace, razorback sucker, white sucker	Dec. – Feb.	13.8	14.3
Warm Stream Tier 3	WS-III	all other warm-water species	March – Nov.	28.7	31.8
		Species	Dec. – Feb.	14.3	15.9
Warm Lakes	WL	black crappie, bluegill, common carp, gizzard	April – Dec.	26.3	29.5
		shad, golden shiner, largemouth bass, Northern pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	Jan. – March	13.2	14.8

Uranium Acute = $e^{(1.1021[ln(hardness)]+2.7088)}$

Chronic = $e^{(1.1021[ln(hardness)]+2.2382)}$

Zinc Acute = $0.978 * e^{(0.9094[ln(hardness)]+0.9095)}$

Chronic = $0.986 * e^{(0.9094[ln(hardness)]+0.6235)}$

if hardness less than 102 mg/l CaCO₃

Chronic (sculpin) = $e^{(2.140[ln(hardness)]-5.084)}$

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.

(4 old) $FT = 10^{0.03(20-TCAP)}$;

Where TCAP is $\leq T \leq 30$

 $FT = 10^{0.03(20-T)}$:

Where 0 is $\leq T \leq TCAP$

TCAP = 20° C cold water aquatic life species present

TCAP = 25° C cold water aquatic life species absent

FPH = 1; Where 8 <pH ≤9

FPH = $\frac{1 + 10^{(7.4-pH)}}{1.25}$; Where $6.5 \le pH \le 8$

FPH means the acute pH adjustment factor, defined by the above formulas.

FT means the acute temperature adjustment factor, defined by the above formulas.

T means temperature measured in degrees celsius.

TCAP means temperature CAP; the maximum temperature which affects the toxicity of ammonia to salmonid and non-salmonid fish groups.

NOTE: If the calculated acute value is less than the calculated chronic value, then the calculated chronic value shall be used as the acute standard.

- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the Commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 ug/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (7) *E.coli* criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for *E. coli* are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.
- (9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

(4) <u>Discharger Specific Variances</u>

(a) Animas and Florida River Segment 13b

Discharger Specific Variance, Durango West Metro Dist.#2 (COG589115): The first number is the underlying standard previously adopted by the Commission for the segment and represents the long-term goal for the waterbody. The first number will be used for assessing attainment for the waterbody and for the development of effluent limitations. The second number is the Commission's determination of the effluent concentration with the highest degree of protection of the classified use that is feasible for Durango West Metro District. Control requirements, such as discharge permit effluent limitations, shall be established using the first number as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number during the term of the DSV for the named dischargers.

(5) <u>Stream Classifications and Water Quality Standards Tables</u>

The stream classifications and water quality standards tables in Appendix 34-1 are incorporated herein by reference.

34.45 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR

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. . . .

SAN JUAN RIVER AND DOLORES RIVER BASINS, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1. 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

Overall format changes: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

Constraints of the new format: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made

• The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.

- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the
 concentration of total phosphorus. In the old format, individual phosphorus standards were noted
 as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3
 - E. Coli (chronic) Regulation #31, Table 1, footnote 7
 - D.O. (chronic) Regulation #31, Table 1, footnote 1
 - cyanide (acute) Regulation #31, Table 2
 - sulfide (chronic) Regulation #31, Table 2
 - nitrate (acute) Regulation #31, Table 2
 - nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30day average standard in permits and assessments.
 - chloride (chronic) Regulation #31, Table 2
 - boron (chronic) Regulation #31, Table 2
 - sulfate (chronic) Regulation #31, Table 2
- The previous format used Footnote 1 instead of Footnote A for the arsenic hybrid standard. The label for the footnote was changed from "1" to "A" but the text of the footnote did not change.
- The footnote on Animas and Florida Segment 2 was modified to reduce the text to less than 200 characters, which is the maximum that can be included in the segment. Text longer than 200 characters has to be moved to a footnote outside the segment table (either at the front of the regulation or following the segment tables). The text change is as follows:

"The concentration of dissolved aluminum, cadmium, copper, iron, lead, manganese, and zinc that is directed toward maintaining and achieving standards established for segments 3a,4a and 4b."

• The footnote regarding the variance conditions on Animas and Florida Segment 13b was moved to 34.6(4)(a) because it exceeded 200 characters and could not be shortened without substantively changing the meaning of the text.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS

APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

1a. Mainstem of the Navajo River including all wetlands and tributaries from the boundary of the South San Juan Wilderness Area to below the confluence with Sheep Creek. Mainstem of the Little Navajo River, including all wetlands and tributaries, from the boundary of the South San Juan Wilderness Area to the San Juan-Chama Diversion.

COSJSJ01A	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

1b. Mainstem of the Navajo River, including all wetlands and tributaries from below the confluence with Sheep Creek to the Colorado/New Mexico border, except for specific listings in Segment 3.

COSJSJ01B	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COSJSJ02	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			•	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:			pН		6.5 - 9.0		Chromium III	50(T)	TVS
	Indification(s):		chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
Arsenic(chror	lodification(s):		E. Coli (per 100 mL)			126	Copper	TVS	TVS
•							Iron		WS
Expiration Da	te of 12/31/2021			norganic (mg/	<u>'L)</u>		Iron		1000(T)
Southern Ute	e Indian Reservation	ı		9 (9.	acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
					0.019	0.011	Nickel	TVS	TVS
			Cyanide				Selenium	TVS	TVS
			Nitrate		10		Silver	TVS	TVS(tr)
			Nitrite			0.05			1 7 3(11)
			Phosphorus				Uranium	TVS	TVS
			Sulfate Sulfide Juan-Chama diversion to the confluence			WS 0.002 avajo River; a	Zinc all tributaries to the Navaj		
ncluding all v	vetlands, from the S Classifications		Sulfide n Juan-Chama diversion to the confluence		 e with the Na Juan River.	0.002			
including all v	vetlands, from the S		Sulfide n Juan-Chama diversion to the confluence	e with the San	 e with the Na Juan River.	0.002		o River and the Little N	avajo River,
	vetlands, from the S Classifications	an Juan-Chama d	Sulfide n Juan-Chama diversion to diversions to the confluence	e with the San	 e with the Na Juan River. ical	0.002 avajo River; a		o River and the Little N	
including all v COSJSJ03 Designation	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide n Juan-Chama diversion to diversions to the confluence Physic	e with the San	e with the Na Juan River. ical DM	0.002 avajo River; a MWAT	Ill tributaries to the Navaj	o River and the Little N Metals (ug/L) acute	avajo River,
ncluding all v COSJSJ03 Designation Reviewable	vetlands, from the S Classifications Agriculture Aq Life Warm 2	an Juan-Chama d	Sulfide n Juan-Chama diversion to diversions to the confluence Physic	e with the San	e with the Na Juan River. ical DM WS-II	0.002 avajo River; a MWAT WS-II	Ill tributaries to the Navaj	o River and the Little N Metals (ug/L) acute	avajo River, chronic
including all v COSJSJ03 Designation	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical Temperature °C	e with the San	e with the Na Juan River. ical DM WS-II acute	0.002 avajo River; a MWAT WS-II chronic	Aluminum Arsenic	o River and the Little N Metals (ug/L) acute 340	avajo River, chronic 100(T)
including all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San	e with the Na Juan River. ical DM WS-II acute	0.002 avajo River; a MWAT WS-II chronic 5.0	All tributaries to the Navaj Aluminum Arsenic Beryllium	o River and the Little N Metals (ug/L) acute 340	chronic 100(T)
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0	0.002 avajo River; a MWAT WS-II chronic 5.0	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium	o River and the Little N Metals (ug/L) acute 340 TVS	chronic 100(T) 100(T) TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide n Juan-Chama diversion to diversions to the confluence Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	e with the San Cal and Biolog	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0	0.002 avajo River; a MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	o River and the Little N Metals (ug/L) acute 340 TVS TVS	chronic 100(T) 100(T) TVS TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physic Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	e with the San Cal and Biolog	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0	0.002 avajo River; a MWAT WS-II chronic 5.0 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS TVS	chronic 100(T) 100(T) TVS TVS 100(T)
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog	with the Na Juan River. ical DM WS-II acute 6.5 - 9.0	0.002 avajo River; a MWAT WS-II chronic 5.0 205	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	o River and the Little N Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	with the Na Juan River. ical DM WS-II acute 6.5 - 9.0	0.002 avajo River; a MWAT WS-II chronic 5.0 205	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	o River and the Little N Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100(T) 100(T) TVS TVS 100(T) TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 205 630	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) 100(T) TVS TVS 100(T) TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to the confluence Physical Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 IL) acute	0.002 avajo River; a MWAT WS-II chronic 5.0 205 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	o River and the Little N Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 IL) acute TVS	MWAT WS-II chronic 5.0 205 630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 IL) acute TVS	MWAT WS-II chronic 5.0 205 630 chronic TVS 0.75	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t)
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 TL) acute TVS TVS	MWAT WS-II chronic 5.0 205 630 chronic TVS 0.75	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T)
including all v COSJSJ03 Designation Reviewable	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide n Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 IL) acute TVS 0.019	0.002 Avajo River; a MWAT WS-II chronic 5.0 205 630 chronic TVS 0.75 0.011	All tributaries to the Navaj Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T) TVS
ncluding all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 IL) acute TVS 0.019 0.005	0.002 avajo River; a MWAT WS-II chronic 5.0 205 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T) TVS
including all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 TL) acute TVS 0.019 0.005 100	0.002 avajo River; a MWAT WS-II chronic 5.0 205 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T) TVS TVS
including all v COSJSJ03 Designation Reviewable Qualifiers:	vetlands, from the S Classifications Agriculture Aq Life Warm 2 Recreation N	an Juan-Chama o	Sulfide In Juan-Chama diversion to diversions to the confluence Physical P	e with the San Cal and Biolog 5/1 - 10/31 11/1 - 4/30	e with the Na Juan River. ical DM WS-II acute 6.5 - 9.0 IL) acute TVS 0.019 0.005 100	0.002 avajo River; a MWAT WS-II chronic 5.0 205 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	avajo River, chronic 100(T) 100(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

COSJSJ04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emnorary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
rsenic(chron	()	E. Coli (per 100 mL)		126	Copper	TVS	TVS
`	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
		e East Fork and West Fork of the San Juar e Creek, including all wetlands and tributa					the source (E
OSJSJ05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic

COSJSJ05	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	. ,	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

COSJSJ06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
rsenic(chror	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	ite of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			
6b. Mainstem	of San Juan River from the So	outhern Ute Indian Reservation northern	boundary to Navajo	Reservoir.			
OSJSJ06B	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	1100.000.00						
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium	TVS(tr)	TVS
					-		
-		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	7.0 126	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L)	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Southern Ute	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

COSJSJ07	Classifications	tributaries and wetlands, from the bound Physical and				Metals (ug/L)	
Designation	Agriculture	1 11/01001 11111	DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E	· omporator · o	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			
3. Navajo Res	servoir. Echo Canyon Reservo	oir.			ļ.		
OSJSJ08	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
ualifiers:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
ther:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
					Selenium	TVS	TVS
		Phosphorus			Ocicinani	1 4 3	
		Phosphorus Sulfate		WS	Silver	TVS	TVS(tr)
		·					

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

COSJSJ09A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			
9b. Mainstem	of the Rio Blanco, including al	Il tributaries and wetlands, from the boun	dary of the Souther	n Ute Indian	Reservation to the conflu	uence with the San Jua	n River.
COSJSJ09B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Southern Ute	e Indian Reservation	E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
				250	Mercury		0.01(t)
		Chloride			Table 4 and 4		
		Chloride Chlorine	0.019	0.011	Molybdenum		160(T)
				0.011	Molybdenum Nickel	TVS	160(T) TVS
		Chlorine	0.019				
		Chlorine Cyanide	0.019 0.005		Nickel	TVS	TVS
		Chlorine Cyanide Nitrate	0.019 0.005 10		Nickel Selenium	TVS TVS	TVS TVS
		Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 	 0.05	Nickel Selenium Silver	TVS TVS TVS	TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

10. Mainstem	I								
COSJSJ10	Classifications		Physi	cal and Biolog	-			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)			126	Copper	TVS	TVS
							Iron		WS
				Inorganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
							Silver	TVS	TVS(tr)
			Nitrite			0.05	Uranium		1 (3(11)
			Phosphorus					TVS	TVS
			Sulfate Sulfide			WS 0.002	Zinc	175	175
OSJSJ11A	Classifications	-	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT			
Reviewable	Ag Life Warm 1							acute	chronic
			Temperature °C		WS-II	WS-II	Aluminum	acute 	chronic
	Recreation E	5/1 - 10/31	Temperature °C		WS-II acute		Aluminum Arsenic	acute 340	chronic 0.02(T)
	Recreation E Recreation N	5/1 - 10/31 11/1 - 4/30	D.O. (mg/L)			WS-II			
	Recreation E		·		acute	WS-II chronic	Arsenic	 340	 0.02(T)
)ualifiers:	Recreation E Recreation N		D.O. (mg/L)		acute	WS-II chronic 5.0	Arsenic Beryllium	340 	0.02(T)
-	Recreation E Recreation N		D.O. (mg/L)	5/1 - 10/31	acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium	340 TVS(tr)	 0.02(T) TVS
	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²)	5/1 - 10/31 11/1 - 4/30	acute 6.5 - 9.0	WS-II chronic 5.0 	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		acute 6.5 - 9.0 	WS-II chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)		acute 6.5 - 9.0	WS-II chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30	acute 6.5 - 9.0	WS-II chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30	acute 6.5 - 9.0 L)	WS-II chronic 5.0 126 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS TVS WS
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	11/1 - 4/30	acute 6.5 - 9.0 L) acute	WS-II chronic 5.0 126 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS	WS-II chronic 5.0 126 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS	WS-II chronic 5.0 126 630 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS 0.019	Chronic 5.0 126 630 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS 0.019 0.005	chronic 5.0 126 630 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 630 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
-	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	Chronic 5.0 126 630 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS
Qualifiers: Other:	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 630 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
	Recreation E Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	11/1 - 4/30	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	Chronic 5.0 126 630 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

11b. All tributaries to the San Juan River, including wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border except for the specific listings in Segments 6a, 6b, 9a and 9b.

COSJSJ11B	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	7.6(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		100(T)
*Southern Ute	Indian Reservation		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
				norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		10		Silver	TVS	TVS(tr)
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate				1		
			Sulfide			0.002			

12. All tributaries to the San Juan River in Archuleta County, including all wetlands, except for specific listings in Segments 1a, 1b, 2, 3, 4, 5, 6a, 6b, 7, 9a, 9b, 10, 11a, 11b and 12b. This segment includes Coyote Creek from its source to the Colorado/New Mexico border.

COSJSJ12	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-III	WS-III	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	7.6(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		100(T)
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III		TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III		100(T)
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
				norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
			Nitrite				Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate						
			Sulfide			0.002	1		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature

13. All lakes and reservoirs that are tributary to the mainstem of the Navajo River and the Little Navajo River, from the boundary of the South San Juan Wilderness Area to the Colorado/New Mexico border, except for specific listings in Segment 14. This segment includes Gardner Lake, Fall View Lake, Hidden Lake, Dolomite Lake, Bull Elk Pond, Price Lakes, and Spence Reservoir.

Lakes, and S	pence Reservoir.								
COSJSJ13	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CL	CL	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)			126	Copper	TVS	TVS
							Iron		WS
				Inorganic (mg	/L)		Iron		1000(T)
				<u> </u>	acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			
14. All lakes a	and reservoirs that a	re tributary to the	Navajo River and the Little	e Navajo River	, from the Sa	an Juan-Char	ma diversions to the con	fluence with the San Ju	an River.
COSJSJ14	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	100(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		100(T)
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III		100(T)
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
			,				Copper	TVS	TVS
									4000(=)

Inorganic (mg/L)

Ammonia

Boron Chloride

Chlorine

Cyanide

Nitrate

Nitrite

Sulfate Sulfide

Phosphorus

acute

TVS

0.019

0.005

100

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

Iron

Lead

Manganese

Molybdenum

Mercury

Nickel

Silver

Uranium Zinc

Selenium

chronic

TVS

0.75

0.011

0.002

1000(T)

TVS

TVS

0.01(t)

160(T)

TVS

TVS

TVS

TVS

TVS

TVS

TVS

TVS

TVS

TVS

COSJSJ15A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
15b. All lakes	and reservoirs which are tribu	tary to the Rio Blanco, from the boundary	y of the Southern U	te Indian Res	servation to the confluenc	e with the San Juan Ri	ver.
COSJSJ15B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	e Indian Reservation	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Southern Ute					lana.		WS
Southern Ute					Iron		
Southern Ute		Inorgan	iic (mg/L)	,	Iron		1000(T)
Southern Ute		Inorgan	ic (mg/L) acute	chronic	-	 TVS	1000(T) TVS
Southern Ute		Inorgan Ammonia	•	chronic TVS	Iron Lead Manganese	TVS TVS	TVS TVS
Southern Ute			acute		Iron Lead	 TVS	TVS TVS WS
Southern Ute		Ammonia	acute TVS	TVS	Iron Lead Manganese Manganese Mercury	TVS TVS	TVS TVS WS 0.01(t)
Southern Ute		Ammonia Boron	acute TVS	TVS 0.75	Iron Lead Manganese Manganese	TVS TVS	TVS TVS WS
Southern Ute		Ammonia Boron Chloride	acute TVS 	TVS 0.75 250	Iron Lead Manganese Manganese Mercury	TVS TVS	TVS TVS WS 0.01(t)
Southern Ute		Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum	 TVS TVS 	TVS TVS WS 0.01(t) 160(T)
Southern Ute		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	TVS
Southern Ute		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS
Southern Ute		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

16. All lakes and reservoirs which are tributary to the San Juan River, Rio Blanco, and Navajo River and located within the Weminuche Wilderness Area and South San Juan Wilderness Area. This segment includes Archuleta Lake, Spruce Lakes, Turkey Creek Lake, Fourmile Lake, Upper Fourmile Lake, Crater Lake, Quartz Lake, Fish Lake, and Opal Lake

COSJSJ16	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

17. All lakes and reservoirs that are tributary to the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to the confluence with Fourmile Creek. This segment includes Born Lake, Hatcher Lakes, T Lazy T Reservoir, and Lost Lake.

COSJSJ17	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	J/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable
t = total

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature

18a. All lakes and reservoirs tributary to the San Juan River from a point immediately below the confluence with Fourmile Creek to the Southern Ute Indian Reservation boundary, except for the specific listings in Segment 8.

COSJSJ18A	Classifications		Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture	,			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WL	WL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	7.6(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		100(T)
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
				norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		10		Silver	TVS	TVS(tr)
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate				İ		
			Sulfide			0.002			

18b. All lakes and reservoirs which are tributary to the San Juan River from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segment 8.

COSJSJ18B	Classifications		Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WL	WL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	7.6(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		100(T)
*Southern Ute	Indian Reservation		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
				Inorganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		10		Silver	TVS	TVS(tr)
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate				ĺ		
			Sulfide			0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COSJSJ19	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	7.6(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		100(T)
Qualifiers:			pН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	100(T)	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Copper	TVS	TVS
							Iron		1000(T)
				norganic (mg/	L)		Lead	TVS	TVS
					acute	chronic	Manganese	TVS	TVS
			Ammonia		TVS	TVS	Mercury		0.01(t)
			Boron			0.75	Molybdenum		160(T)
			Chloride				Nickel	TVS	TVS
			Chlorine		0.019	0.011	Selenium	TVS	TVS
			Cyanide		0.005		Silver	TVS	TVS
			Nitrate		100		Uranium		
			Nitrite				Zinc	TVS	TVS
			Phosphorus						
			Sulfate						
			Sulfide			0.002	1		

COSJPI01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Comporary N	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	ate of 12/31/2021				Iron		WS
Apiration De	XC 01 12/01/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

2a. East Fork Piedra River and Middle Fork Piedra River, including all tributaries and wetlands, from the boundary of the Weminuche Wilderness Area to the confluence with the mainstem of the Piedra River, except for the specific listing in Segment 3.

COSJPI02A	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E	4/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 3/31	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
Temporary M	lodification(s):		E. Coli (per 100 mL)	4/1 - 10/31		126	Copper	TVS	TVS
Arsenic(chron	. ,		E. Coli (per 100 mL)	11/1 - 3/31		630	Iron		WS
,	te of 12/31/2021		!	norganic (mg	/L)		Iron		1000(T)
•					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS(sc)
			Sulfide			0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

See 34.6 for

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COSJPI02B	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
esignation	Agriculture				DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	4/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 3/31	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
ualifiers:			pH		6.5 - 9.0		Chromium III	50(T)	TVS
ther:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	4/1 - 10/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 3/31		630	Iron		WS
				Inorganic (mg/	11)		Iron		1000(T)
				morgamo (mg/	acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS(sc)
			Sulfide			0.002			,
R Mainstem	of the Foot Fork of t								
	oi the East Fork of t	he Piedra River fro	im the Piedra Falls Ditch t	o the confluenc	e with Pago	sa Creek.			
	Classifications	he Piedra River fro	om the Piedra Falls Ditch t Physic	o the confluence cal and Biolog		sa Creek.		Metals (ug/L)	
OSJPI03		he Piedra River fro				sa Creek.		Metals (ug/L)	chronic
OSJPI03 esignation	Classifications	he Piedra River fro			ical		Aluminum		chronic
OSJPI03 esignation	Classifications Agriculture	he Piedra River fro 4/1 - 10/31	Physic		ical DM	MWAT	Aluminum Arsenic	acute	chronic 0.02(T)
OSJPI03 esignation	Classifications Agriculture Aq Life Cold 1		Physic		ical DM CS-I	MWAT CS-I		acute	
OSJPI03 esignation	Classifications Agriculture Aq Life Cold 1 Recreation E	4/1 - 10/31	Physic Temperature °C		DM CS-I acute	MWAT CS-I chronic	Arsenic	acute 340	
COSJPI03 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physical Temperature °C D.O. (mg/L)		DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Beryllium	acute 340	0.02(T)
cosJPI03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Temperature °C D.O. (mg/L) D.O. (spawning)		DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
osjpl03 esignation eviewable eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Temperature °C D.O. (mg/L) D.O. (spawning) pH		DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
osjpl03 esignation eviewable eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	cal and Biolog	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
osjpl03 esignation eviewable eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	cal and Biolog 4/1 - 10/31	ical DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
osjpl03 esignation eviewable eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
osjpl03 esignation eviewable eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 L)	MWAT CS-I chronic 6.0 7.0 126 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
OSJPI03 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 L) acute	MWAT CS-I chronic 6.0 7.0 126 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
OSJPI03 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
OSJPI03 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 IL) acute TVS	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
cosJPI03 resignation reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 /L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
OSJPI03 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t)
OSJPI03 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 IL) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
cosJPI03 resignation reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 TL) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
osjpl03 esignation eviewable eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Recreation N	4/1 - 10/31	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	4/1 - 10/31 11/1 - 3/31	ical DM CS-I acute 6.5 - 9.0 'L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 630 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

4a. Mainstem	of the Fiedra River from a por	nt immediately below the confluence with		5 Southern C	ne mulan keservalion bo	uriuary.	
COSJPI04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			
∕lh Mainstem	of the Piedra River from the S	Southern Ute Indian Reservation boundar					
COSJPI04B	Classifications	Physical and	· · · · · · · · · · · · · · · · · · ·	511.		Metals (ug/L)	
Designation	Agriculture		DM	MWAT	-	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	i simporatare e	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	117			0.0	Berymann		
•		ID O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Othor:		D.O. (spawning)	6.5 - 9.0	7.0	Cadmium III	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	pH chlorophyll a (mg/m²)	6.5 - 9.0		Chromium III Chromium VI	50(T) TVS	TVS TVS
Temporary M Arsenic(chron	ic) = hybrid	рН	6.5 - 9.0		Chromium III Chromium VI Copper	50(T) TVS TVS	TVS TVS TVS
Temporary M Arsenic(chron		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 		Chromium III Chromium VI Copper Iron	50(T) TVS TVS 	TVS TVS TVS WS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 nic (mg/L)	 126	Chromium III Chromium VI Copper Iron Iron	50(T) TVS TVS	TVS TVS TVS WS 1000(T)
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar	6.5 - 9.0 nic (mg/L) acute	 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead	50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia	6.5 - 9.0 nic (mg/L) acute TVS	126 chronic TVS	Chromium III Chromium VI Copper Iron Iron Lead Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	6.5 - 9.0 nic (mg/L) acute TVS	 126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
Femporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	6.5 - 9.0 nic (mg/L) acute TVS	 126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS TVS TVS T	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Temporary M Arsenic(chron Expiration Dat	ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average

COSJPI05	Classifications	Physical and Biological				Metals (ug/L)			
Designation	Agriculture			DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum			
	Recreation E 5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)	
	Recreation N 11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium			
	Water Supply	D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS	
Qualifiers:		рН		6.5 - 9.0		Chromium III	50(T)	TVS	
Other:		chlorophyll a (mg/m²)				Chromium VI	TVS	TVS	
Femporary Modification(s): Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS	
		E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS	
Expiration Date of 12/31/2021			Inorganic (mg	/L)		Iron		1000(T)	
				acute	chronic	Lead	TVS	TVS	
		Ammonia		TVS	TVS	Manganese	TVS	TVS	
		Boron			0.75	Manganese		WS	
		Chloride			250	Mercury		0.01(t)	
		Chlorine		0.019	0.011	Molybdenum		160(T)	
		Cyanide		0.005		Nickel	TVS	TVS	
		Nitrate		10		Selenium	TVS	TVS	
		Nitrite			0.05	Silver	TVS	TVS(tr)	
		Phosphorus				Uranium			
		Sulfate			WS	Zinc	TVS	TVS(sc)	
		Sulfide			0.002				
6a. All tributa	ries to the Piedra River, including a	Il wetlands, from a point imm	nediately below	the confluen	ce with Devi	il Creek to Southern Ute I	ndian Reservation bo	oundary,	
COSJPI06A	Classifications	Physi	etlands, from a point immediately below the confluence with Devil Creek to Southern Ute Indian Reservation boundary, Physical and Biological Metals (ug/L)						
Designation			cai and biolog	licai			Metals (ug/L)		
	Agriculture		car and Biolog	DM	MWAT		Metals (ug/L) acute	chronic	
JP	Agriculture Aq Life Warm 2	Temperature °C	cai and biolog		MWAT WS-II	Aluminum		chronic 	
JP	[→]	Temperature °C	car and biolog	DM		Aluminum Arsenic	acute		
JP	Aq Life Warm 2	Temperature °C D.O. (mg/L)	cai and Biolog	DM WS-II	WS-II	_	acute		
JP Qualifiers:	Aq Life Warm 2 Recreation P	·	car and biolog	DM WS-II acute	WS-II chronic	Arsenic	acute 340	 0.02-10(T) [/]	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L)	car and Biolog	DM WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	acute 340 	0.02-10(T) [/]	
	Aq Life Warm 2 Recreation P	D.O. (mg/L)	car and Biolog	DM WS-II acute 6.5 - 9.0	ws-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	0.02-10(T) / TVS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg	DM WS-II acute 6.5 - 9.0	ws-II chronic 5.0 	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	 0.02-10(T) / TVS TVS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		DM WS-II acute 6.5 - 9.0	ws-II chronic 5.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	 0.02-10(T) / TVS TVS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		DM WS-II acute 6.5 - 9.0 	WS-II chronic 5.0 205	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02-10(T) TVS TVS TVS TVS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		DM WS-II acute 6.5 - 9.0 /L) acute	ws-II chronic 5.0 205	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02-10(T) // TVS TVS TVS TVS TVS WS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia		DM WS-II acute 6.5 - 9.0 //L) acute	ws-II chronic 5.0 205 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T)	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron		DM WS-II acute 6.5 - 9.0 //L) acute TVS	ws-II chronic 5.0 205 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS	
ualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride		DM WS-II acute 6.5 - 9.0 /L) acute TVS	ws-II chronic 5.0 205 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine		DM WS-II acute 6.5 - 9.0 /L) acute TVS 0.019	ws-II chronic 5.0 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide		DM WS-II acute 6.5 - 9.0 IL) acute TVS 0.019 0.005	ws-II chronic 5.0 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS WS 1000(T) TVS WS 0.01(t)	
ualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate		DM WS-II acute 6.5 - 9.0 IL) acute TVS 0.019 0.005 10	ws-II chronic 5.0 205 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		DM WS-II acute 6.5 - 9.0 IL) acute TVS 0.019 0.005 10	ws-II chronic 5.0 205 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)	
Qualifiers:	Aq Life Warm 2 Recreation P	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		DM WS-II acute 6.5 - 9.0 //L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 205 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS	

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

6b. All tributaı	ies including wellar	ids to the ricular	River from the Southern Ut	e mulan Reserv	valion boun	uary to mavaj	U INESCIVOII.		
COSJPI06B	Classifications		Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture	,			DM	MWAT		acute	chronic
JP	Aq Life Warm 2		Temperature °C		WS-III	WS-III	Aluminum		
	Recreation P				acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply		D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	50(T)	TVS
			E. Coli (per 100 mL)			205	Chromium VI	TVS	TVS
Southern Ute	Indian Reservation			Inorganic (mg/	/L)		Copper	TVS	TVS
					acute	chronic	Iron		WS
			Ammonia		TVS	TVS	Iron		1000(T)
			Boron			0.25	Lead	TVS	TVS
			Chloride			250	Manganese	TVS	TVS
			Chlorine		0.019	0.011	Manganese		WS
			Cyanide		0.005		Mercury		0.01(t)
			Nitrate		10		Molybdenum		160(T)
			Nitrite			0.5	Nickel	TVS	TVS
			Phosphorus				Selenium	TVS	TVS
			Sulfate			WS	Silver	TVS	TVS
			Sulfide			0.002	Uranium		
			i				Zinc	TVS	TVS
7. Hatcher Re	eservoir, Stevens Re	eservoir, Sullenbu	ger Reservoir, Village Lak	e and Forest La	ake.				
COSJPI07	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WL	WL	Aluminum		
	Recreation E	2/2 - 11/30			acute	chronic	Arsenic	340	0.02(T)
									. ,
	Recreation N	12/1 - 3/1	D.O. (mg/L)			5.0	Beryllium		
	Recreation N Water Supply	12/1 - 3/1	D.O. (mg/L)		6.5 - 9.0	5.0	Beryllium Cadmium	 TVS	
Qualifiers:		12/1 - 3/1					-		
		12/1 - 3/1	рн	3/2 - 11/30	6.5 - 9.0		Cadmium	TVS	 TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²)	3/2 - 11/30 12/1 - 3/1	6.5 - 9.0		Cadmium Chromium III	TVS 50(T)	TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		6.5 - 9.0	 126	Cadmium Chromium III Chromium VI	TVS 50(T) TVS	TVS TVS TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)		6.5 - 9.0	 126	Cadmium Chromium III Chromium VI Copper	TVS 50(T) TVS TVS	TVS TVS TVS TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	12/1 - 3/1	6.5 - 9.0	 126	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 50(T) TVS TVS	TVS TVS TVS TVS WS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	12/1 - 3/1	6.5 - 9.0 	126 630	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS 50(T) TVS TVS 	TVS TVS TVS TVS WS 1000(T)
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	12/1 - 3/1	6.5 - 9.0 /L) acute	126 630 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia	12/1 - 3/1	6.5 - 9.0 /L) acute TVS	126 630 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron	12/1 - 3/1	6.5 - 9.0 /L) acute TVS	 126 630 chronic TVS 0.25	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride	12/1 - 3/1	6.5 - 9.0 /L) acute TVS	 126 630 chronic TVS 0.25 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	12/1 - 3/1	6.5 - 9.0 /L) acute TVS 0.019	126 630 chronic TVS 0.25 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	12/1 - 3/1	6.5 - 9.0 /L) acute TVS 0.019 0.005	126 630 chronic TVS 0.25 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	12/1 - 3/1	6.5 - 9.0 /L) acute TVS 0.019 0.005 10	126 630 chronic TVS 0.25 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers: Other:		12/1 - 3/1	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	12/1 - 3/1	6.5 - 9.0 /L) acute TVS 0.019 0.005 10	126 630 Chronic TVS 0.25 250 0.011 0.5	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

	reek Reservoir.		T						
COSJPI08	Classifications		Physic	cal and Biolog	ical		Metals (ug/L)		
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CLL	CLL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS
			i	norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			
0.481.1		=: . =:	or which are within the M	, , ,					

9. All lakes and reservoirs tributary to the Piedra River which are within the Weminuche Wilderness Area. This segment includes Window Lake, Monument Lake, Hossick Lake, and Williams Lakes.

COSJPI09	Classifications	Physical and Biolog	ical		r	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/	L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

10. All lakes and reservoirs which are tributary to the Piedra River, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Devil Creek, except the specific listing in Segment 8. This segment includes Palisade Lake, Martin Lake, and O'Connell Lake.

COSJPI10	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture	,		•	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CL	CL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS
			ı	norganic (mg/	'L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			

11a. All lakes and reservoirs which are tributary to the Piedra River, from a point immediately below the confluence with Devil Creek to the Southern Ute Indian Reservation boundary. This segment includes Capote Lake.

This segment	includes Capote Lake.						
COSJPI11A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Ingestion Standards	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Other:		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	Inorganic (mg/L)			TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. $\label{eq:tau} T = total \ recoverable \\ t = total$

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature

11b. All lakes	and reservoirs which are tributary to	the Piedra River from the Southern	Ute Indian Reserv	vation bounda	ary to Navajo Reservo	ir.	
COSJPI11B	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
*Southern Ute	Indian Reservation	Inorganio	c (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.25	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

COSJPN01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
DW .	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emnorary M	nporary Modification(s): enic(chronic) = hybrid	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	senic(chronic) = hybrid piration Date of 12/31/2021				Iron		WS
zypiration ba		Inorgan	Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

2a. Mainstem of the Los Pinos River from the boundary of the Weminuche Wilderness Area to the boundary of the Southern Ute Indian Reservation except for the specific listing in Segment 3.

COSJPN02A	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	<i>'</i>				Iron		WS
Expiration Date of 12/31/2021		Inorganic (n	ng/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout sc=sculpin

COSJPN02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
rsenic(chror	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
•		Inorgan	ic (mg/L)		Iron		1000(T)
Southern Ute	e Indian Reservation		acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
3. Vallecito R	eservoir.				<u> </u>		
COSJPN03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
							TVS
		E. Coli (per 100 mL)		126	Copper	TVS	
		E. Coli (per 100 mL)		126	Copper	TVS 	WS
			 ic (mg/L)	126			
				126	Iron		WS
			ic (mg/L)		Iron Iron		WS 1000(T)
		Inorgan	ic (mg/L) acute	chronic	Iron Iron Lead	 TVS	WS 1000(T) TVS
		Inorgan Ammonia	ic (mg/L) acute TVS	chronic TVS	Iron Iron Lead Manganese	 TVS TVS	WS 1000(T) TVS TVS
		Inorgan Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Iron Iron Lead Manganese Manganese	 TVS TVS	WS 1000(T) TVS TVS WS
		Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	chronic TVS 0.75 250	Iron Iron Lead Manganese Manganese Mercury	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t)
		Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

4a. All tributaries to the Los Pinos River and Vallecito Reservoir, including all wetlands, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Bear Creek (T35N, R7W), except for the specific listing in Segment 5; mainstems of Beaver Creek, Ute Creek, and Spring Creek from their sources to the boundary of the Southern Ute Indian Reservation.

COSJPN04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
· ·	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Sulfide		0.002			
4b. Mainstems	s of Beaver Creek, Ute Creek and	Spring Creek from the boundaries of	f the Southern Ute I	ndian Reserv	ration to their confluence	es with the Los Pinos Riv	/er.
COSJPN04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Recreation E Water Supply	D.O. (mg/L)	acute	chronic 6.0	Arsenic Beryllium	340	0.02(T)
Qualifiers:		D.O. (mg/L) D.O. (spawning)					
Qualifiers:				6.0	Beryllium		
Other:	Water Supply	D.O. (spawning)		6.0 7.0	Beryllium Cadmium	TVS(tr)	 TVS
Other: Temporary M	Water Supply lodification(s):	D.O. (spawning)	 6.5 - 9.0	6.0 7.0 	Beryllium Cadmium Chromium III	 TVS(tr) 50(T)	TVS TVS
Other: Temporary Marsenic(chronic)	Water Supply lodification(s): iic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 126	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 sic (mg/L)	6.0 7.0 126	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L) acute TVS	6.0 7.0 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	6.0 7.0 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 sic (mg/L) acute TVS	6.0 7.0 126 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary M Arsenic(chroni Expiration Dat	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 sic (mg/L) acute TVS 0.019	6.0 7.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary M Arsenic(chroni Expiration Dat	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	6.0 7.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Other: Temporary M Arsenic(chroni Expiration Dat	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	6.0 7.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Other: Temporary Marsenic(chronic) Expiration Date	Water Supply lodification(s): iic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin

OSJPN05	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		organ	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
					Nickel	TVS	TVS
		Cyanide	0.005				
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide scluding all wetlands, from a point immedia	 tely below the confl	0.002			
dian Reser	vation except for specific listin	Sulfide scluding all wetlands, from a point immedia	tely below the confl	0.002			
dian Reser OSJPN06A	vation except for specific listin	Sulfide scluding all wetlands, from a point immediangs in Segment 4a.	tely below the confl	0.002		to the boundary of the	Southern Ute
dian Reser DSJPN06A esignation	vation except for specific listin	Sulfide scluding all wetlands, from a point immediangs in Segment 4a.	tely below the confi	0.002 luence with E		to the boundary of the	Southern Ute
dian Reser OSJPN06A esignation	vation except for specific listin Classifications Agriculture	Sulfide Icluding all wetlands, from a point immediates in Segment 4a. Physical and	tely below the confi Biological DM	0.002 luence with E	Bear Creek (T35N, R7W)	to the boundary of the Metals (ug/L)	Southern Uto
dian Reser DSJPN06A esignation eviewable	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Icluding all wetlands, from a point immediates in Segment 4a. Physical and	Biological DM CS-II	0.002 luence with E MWAT CS-II	Bear Creek (T35N, R7W)	to the boundary of the Metals (ug/L) acute	Chronic 100(T)
dian Reser	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C	Biological DM CS-II acute	0.002 luence with E MWAT CS-II chronic	Bear Creek (T35N, R7W) Aluminum Arsenic	Metals (ug/L) acute 340	chronic 100(T)
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	0.002 luence with E MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 100(T) 100(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	0.002 luence with E MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	to the boundary of the Metals (ug/L) acute 340 TVS	chronic 100(T) 100(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	0.002 luence with E MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	Chronic 100(T)
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	0.002 luence with E MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) 100(T) TVS TVS 100(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	0.002 luence with E MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100(T) 100(T) TVS TVS 100(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	0.002 luence with E MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS	Chronic 100(T) 100(T) TVS TVS 100(T) TVS 100(T)
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	to the boundary of the Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100(T) 100(T) TVS 100(T) TVS 100(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	to the boundary of the Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS TVS 1000(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	to the boundary of the section of th	Chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immedia Ings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Bear Creek (T35N, R7W) Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	to the boundary of the Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100(T) 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T)
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	tely below the confi	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Bear Creek (T35N, R7W) Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	to the boundary of the section of th	Chronic 100(T) 100(T) TVS 100(T) TVS 100(T) TVS 0.01(t) 160(T) TVS
dian Reser OSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immediatings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	tely below the confidence of t	0.002 Juence with E MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	to the boundary of the section of th	Chronic 100(T) 100(T) TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immedia Ings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	tely below the confi	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Bear Creek (T35N, R7W) Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	to the boundary of the section of th	Chronic 100(T) 100(T) TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immedia Ings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	tely below the confidence in t	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Bear Creek (T35N, R7W) Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	to the boundary of the section of th	Chronic 100(T) 100(T) TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
dian Reser DSJPN06A esignation eviewable ualifiers:	vation except for specific listin Classifications Agriculture Aq Life Cold 2	Sulfide Including all wetlands, from a point immedia Ings in Segment 4a. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	tely below the confi	0.002 luence with E MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Bear Creek (T35N, R7W) Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	to the boundary of the section of th	Chronic 100(T) 100(T) TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

6b. All tributaries to the Los Pinos River, including all wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segment 4b.

COSJPN06B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
*Southern Ute	Indian Reservation	chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite			Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

7a. Barker Arroyo and all other tributaries to the San Juan River in La Plata County which join the San Juan River below the Colorado/New Mexico border, except for specific listings in Segments 1, 2a, 2b, 4a, 4b, 4c, 5, 6a, 6b and 7b.

COSJPN07A	Classifications	Physical and Biolog	jical		Meta	ls (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		pН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin

COSJPN07B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
*Southern Ute	e Indian Reservation	chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

8. All lakes and reservoirs tributary to the Los Pinos River which are within the Weminuche Wilderness Area, except for the specific listing in Segment 9. This includes Granite Lake, Divide Lakes, Elk Lake, Flint Lakes, Moon Lake, Rock Lake, Betty Lake, Lost Lake, Hidden Lake, Vallecito Lake, Eldorado Lake, Trinity Lake, Leviathan Lake, Sunlight Lake, Hazel Lake, and Columbine Lake.

COSJPN08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout sc=sculpin

COSJPN09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
DW .	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
	and reservoirs tributary to the Los Pinc ek (T35N, R7W), except for the specit				uche Wilderness Area to	a point immediately be	low the conflu
COSJPN10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
O							

COSJPN10	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

11a. All lakes and reservoirs tributary to the Los Pinos River, from a point immediately below the confluence with Bear Creek (T35N, R7W) to the boundary of the Southern Ute Indian Reservation.

COSJPN11A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate			1		
		Sulfide		0.002	1		

11b. All lakes and reservoirs tributary to the Los Pinos River, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border. This segment includes Harper Pond.

COSJPN11B	Classifications	Physical and Biolog	jical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
*Southern Ute	Indian Reservation	chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COSJAF01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

2. Mainstem of the Animas River, including all tributaries and wetlands, from the outlet of Denver Lake to a point immediately above the confluence with Maggie Gulch, except for specific listings in Segment 6.

COSJAF02	Classifications	Physical and Biolo	gical		Met	als (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic		100(T)
Other:		D.O. (mg/L)		3.0	Beryllium		100(T)
		рН	5.8-9.0		Cadmium		10(T)
	ation of dissolved aluminum, per, iron, lead, manganese, and zinc	chlorophyll a (mg/m²)			Chromium III		100(T)
that is directed	toward maintaining and achieving	E. Coli (per 100 mL)		126	Chromium VI		100(T)
standards esta	ablished for segments 3a, 4a and 4b.	Inorganic (m	g/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate		100	Selenium		20(T)
		Nitrite	10		Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

OSJAF03A	Classifications		Physic	al and Biologi	ical			Metals (ug/L)	
esignation	Agriculture		,		DM	MWAT	-	acute	chronic
eviewable	Aq Life Cold 1*	ŀ	Temperature °C		CS-I	CS-I	Aluminum	750(T)	750(T)
	Recreation E	ŀ	Tomporatare C		acute	chronic	Arsenic	340	100(T)
ualifiers:	I.		D.O. (mg/L)			6.0	Beryllium		
ther:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	varies
uiei:		h	pH		6.5 - 9.0		Chromium III	TVS	TVS
	: Aquatic life indicator goal:	Drook	chlorophyll a (mg/m²)				Chromium III		100(T)
rout Cadmium(chi	ronic) = Standards are listed	i .	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
	, abrania) — Ctandarda ara liat	ī	. ,				Copper	TVS	TVS
able 1.	chronic) = Standards are list	led on	ı	norganic (mg/	L)		Iron		1000(T)
inc(acute) =	Standards are listed on Tab	ble 1.		9 (9	acute	chronic	Lead	TVS	TVS
inc(chronic)	= Standards are listed on T	able 1.	Ammonia		TVS	TVS	Manganese		varies*
			Boron			0.75	Mercury		0.01(t)
		- I	Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
		- h	Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS(tr
		i i	Nitrite				Uranium		
			Phosphorus				Zinc	varies*	varies
							i		
			Sulfate						
			Sulfate Sulfide			0.002			
b. Mainstem Creek.	of the Animas River, includi		Sulfide	ely above the c		0.002	Creek to a point immed	diately above the confluen	ce with Min
	of the Animas River, includi		Sulfide , from a point immediate	ely above the co	 onfluence w	0.002	Creek to a point immed	diately above the confluen Metals (ug/L)	ce with Mind
reek. DSJAF03B esignation	Classifications		Sulfide , from a point immediate		 onfluence w	0.002	Creek to a point immed		
reek. DSJAF03B esignation	Classifications Recreation E 5/15	ling wetlands	Sulfide , from a point immediate		onfluence w	0.002 ith Cement C	Creek to a point immed	Metals (ug/L)	chroni
DSJAF03B esignation	Classifications Recreation E 5/15	ling wetlands	Sulfide , from a point immediate		onfluence w	0.002 ith Cement C		Metals (ug/L)	chroni
esignation o ualifiers:	Classifications Recreation E 5/15	ing wetlands 5 - 9/10 5/14	Sulfide , from a point immediate		onfluence w	0.002 ith Cement C	Aluminum	Metals (ug/L) acute	chroni
osjaF03B esignation oualifiers:	Classifications Recreation E 5/15 Recreation N 9/11	ing wetlands.	Sulfide , from a point immediate Physic		onfluence w	0.002 ith Cement C	Aluminum Arsenic	Metals (ug/L) acute	chroni
reek. DSJAF03B esignation cualifiers: ther:	Classifications Recreation E 5/15 Recreation N 9/11 odification(s):	ing wetlands 5 - 9/10 - 5/14	Sulfide , from a point immediate Physic D.O. (mg/L)		onfluence w ical DM acute	0.002 ith Cement C MWAT chronic 3.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute	chroni
reek. DSJAF03B esignation cualifiers: cher: emporary M admium(ac/o	Classifications Recreation E 5/15 Recreation N 9/11	ing wetlands.	Sulfide , from a point immediate Physic D.O. (mg/L) pH		DM acute 6.0-9.0	0.002 ith Cement C MWAT chronic 3.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute	chroni
reek. DSJAF03B esignation Dualifiers: her: emporary M admium(ac/c ppper(ac/ch)	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition	ing wetlands.	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²)	cal and Biologi	confluence w	0.002 ith Cement C MWAT chronic 3.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute	chroni
reek. DSJAF03B esignation Dualifiers: her: emporary M admium(ac/c ppper(ac/ch) nc(ac/ch) = 6	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition o = current condition	ing wetlands.	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biologi	cal DM acute 6.0-9.0	0.002 ith Cement C MWAT chronic 3.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute	chroni
preek. DSJAF03B	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017	ing wetlands.	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	cal and Biologi	acute 6.0-9.0	0.002 ith Cement C MWAT chronic 3.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute	chroni
reek. DSJAF03B esignation Dualifiers: cher: emporary M admium(ac/c opper(ac/ch)) nc(ac/ch) = c opiration Dat the concentre	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese,	ing wetlands. 5 - 9/10 - 5/14	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0	0.002 ith Cement C MWAT chronic 3.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute	chroni
reek. DSJAF03B resignation Dalifiers: her: mporary M admium(ac/c ppper(ac/ch) nc(ac/ch) = c piration Dat the concentr dmium, cop at is directed	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands. 3 - 9/10 - 5/14 1, and zinc chieving	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0	0.002 ith Cement C MWAT chronic 3.0 126 630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute	chroni
reek. DSJAF03B esignation pualifiers: ther: emporary M admium(ac/c pper(ac/ch) nc(ac/ch) = c priration Date the concentre dmium, cop at is directed atter quality s	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese,	ing wetlands. i - 9/10 - 5/14 n, and zinc chieving egments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0 L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute	chroni
peek. DSJAF03B resignation pulalifiers: her: mporary M dmium(ac/c pper(ac/ch) nc(ac/ch) = 0 piration Date the concentre dmium, cop at is directed ter quality s	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands. 3 - 9/10 - 5/14 1, and zinc chieving egments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0 L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute	
reek. DSJAF03B esignation pualifiers: ther: emporary M admium(ac/c pper(ac/ch) nc(ac/ch) = c priration Date the concentre dmium, cop at is directed atter quality s	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands. 3 - 9/10 - 5/14 n, and zinc chieving gments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0 L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute	ce with Mine
reek. DSJAF03B esignation cualifiers: ther: emporary M admium(ac/c opper(ac/ch) nc(ac/ch) = c expiration Dat the concentr dmium, cop at is directed ater quality s	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands i - 9/10 - 5/14 n, and zinc chieving egments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0 L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute	chroni
reek. OSJAF03B esignation Pualifiers: ther: emporary M admium(ac/c opper(ac/ch) nc(ac/ch) = c xpiration Dat the concentre dmium, cop at is directed	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands. i - 9/10 - 5/14 n, and zinc chieving gments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0 L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute	chroni
reek. OSJAF03B esignation P ualifiers: ther: emporary M admium(ac/c opper(ac/ch) nc(ac/ch) = c xpiration Dat the concentr damium, cop at is directed ater quality s	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands. i - 9/10 i - 5/14 in, and zinc chieving agments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	5/15 - 9/10 9/11 - 5/14	acute L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute	chroni
reek. OSJAF03B esignation P ualifiers: ther: emporary M admium(ac/c opper(ac/ch) nc(ac/ch) = c xpiration Dat the concentr damium, cop at is directed ater quality s	Classifications Recreation E 5/15 Recreation N 9/11 odification(s): ch) = current condition current condition current condition te of 12/31/2017 ration of dissolved aluminum per, iron, lead, manganese, d toward maintaining and ac	ing wetlands. 3 - 9/10 - 5/14 1, 1, 2 and zinc chieving agments 4a	Sulfide , from a point immediate Physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/15 - 9/10 9/11 - 5/14	confluence w ical DM acute 6.0-9.0 L) acute	0.002 ith Cement C MWAT chronic 3.0 126 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute	chroni

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

OSJAF03C	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

4a. Mainstem of the Animas River, including wetlands, from a point immediately above the confluence with Mineral Creek to a point immediately above the confluence with Deer Park Creek.

COSJAF04A	Classifications	Physical and B	iological			Metals (ug/L)	·
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2*	Temperature °C	CS-I	CS-I	Aluminum	varies*	varies*
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pН	varies*		Chromium III	TVS	TVS
*Classification Trout	: Aquatic life indicator goal: Brook	chlorophyll a (mg/m²)			Chromium III		100(T)
	ute) = Standards are listed on Table 1.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Aluminum(ch	ronic) = Standards are listed on Table				Copper	TVS	TVS
1. *Iron(chronic)	= Standards are listed on Table 1.	Inorganio	(mg/L)		Iron		varies*
, ,	Standards are listed on Table 1.		acute	chronic	Lead	TVS	TVS
` '	= Standards are listed on Table 1.	Ammonia	TVS	TVS	Manganese	TVS	TVS
,	Standards are listed on Table 1.	Boron		0.75	Mercury		0.01(t)
. ,		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite			Uranium		
		Phosphorus			Zinc	varies*	varies*
		Sulfate					
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. $\label{eq:tau} T = total \ recoverable \\ t = total$

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature

COSJAF04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	TVS(T)	TVS(T)
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	•	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
	La differentia a (a)	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	lodification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
rsenic(chron	te of 12/31/2021				Iron		WS
xpiration Dai	le 01 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
		e.ga	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.03	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
				***	12		
		LSulfide		0.002			
5a Mainstem	of the Animas River, include	Sulfide ing wetlands, from Bakers Bridge to the Sou	 ithern Lite Indian R	0.002	oundary		
	1	ing wetlands, from Bakers Bridge to the Sou	ıthern Ute Indian R		oundary.	Metals (ug/L)	
COSJAF05A	of the Animas River, include Classifications Agriculture		ıthern Ute Indian R		oundary.	Metals (ug/L)	chronic
COSJAF05A Designation	Classifications	ing wetlands, from Bakers Bridge to the Sou	ithern Ute Indian R Biological	eservation b	oundary. Aluminum		chronic TVS
COSJAF05A Designation	Classifications Agriculture	ing wetlands, from Bakers Bridge to the Sou	nthern Ute Indian R Biological DM	eservation b		acute	TVS
COSJAF05A Designation	Classifications Agriculture Aq Life Cold 1	ing wetlands, from Bakers Bridge to the Sou	nthern Ute Indian R Biological DM CS-II	MWAT CS-II	Aluminum Arsenic	acute TVS	
COSJAF05A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	remperature °C	thern Ute Indian R Biological DM CS-II acute	MWAT CS-II chronic	Aluminum	acute TVS 340	TVS 0.02(T)
COSJAF05A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	them Ute Indian R Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute TVS 340 TVS(tr)	TVS 0.02(T)
COSJAF05A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	them Ute Indian R Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute TVS 340	TVS 0.02(T) TVS
COSJAF05A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	thern Ute Indian R Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute TVS 340 TVS(tr) 50(T)	TVS 0.02(T) TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	thern Ute Indian R Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute TVS 340 TVS(tr) 50(T) TVS	TVS 0.02(T) TVS TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute TVS 340 TVS(tr) 50(T) TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	thern Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute TVS 340 TVS(tr) 50(T) TVS TVS	TVS 0.02(T) TVS TVS TVS TVS WS 1000(T)
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	thern Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute TVS 340 TVS(tr) 50(T) TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	thern Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation teviewable pualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
esignation teviewable pualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS VS US 1000(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	ing wetlands, from Bakers Bridge to the Sou Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II Chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
cosjaF05A Designation Deviewable Dualifiers: Other: Demporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	ing wetlands, from Bakers Bridge to the Sou Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	ing wetlands, from Bakers Bridge to the Sou Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid	ing wetlands, from Bakers Bridge to the Sou Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	them Ute Indian R Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute TVS 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 0.02(T) TVS TVS TVS TVS SS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COSJAF05B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	TVS	TVS
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	odification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Arsenic(chron	•	,			Iron		WS
-хрігашоп Da	te of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
Southern Ute	Indian Reservation	o.ga.i	acute	chronic	Lead	TVS	TVS
			TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.015		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.05	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002		1 40	1 10
OSJAF06				,,, to <u></u>	C except for those listed i	under segments 3c, 7, 8	3 and 9.
	Classifications	Physical and			- Cocopt for those history	Metals (ug/L)	
Designation	Agriculture		DM	MWAT			
Designation	Agriculture Aq Life Cold 1	Physical and Temperature °C	DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute 	chronic
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L)	chronic
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS
Designation Reviewable Dualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L)	chronic 0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS VS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS VS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM	MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
pesignation deviewable dualifiers: other: emporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS US 1000(T) TVS US 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS SUS 1000(T) TVS VS US 0.01(t) 160(T)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS US 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS US 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

OSJAF07	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Р	Recreation E				Aluminum		
ualifiers:			acute	chronic	Arsenic		100(T)
ther:		D.O. (mg/L)		3.0	Beryllium		100(T)
		рН	3.7-9.0		Cadmium		10(T)
	ration of dissolved aluminum, oper, iron, lead, manganese, and zinc	chlorophyll a (mg/m²)			Chromium III		100(T)
nat is directe	d toward maintaining and achieving	E. Coli (per 100 mL)		126	Chromium VI		100(T)
ater quality nd 4b.	standards established for segments 4a	Inorgan	ic (mg/L)		Copper		200(T)
	quality standards established for segments 4		acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

8. Mainstem of Mineral Creek, including wetlands, from the source to a point immediately above the confluence with South Mineral Creek. All tributaries on the east side of this segment of Mineral Creek including wetlands, except for Big Horn Creek. Mainstem of the Middle Fork of Mineral Creek including all tributaries and wetlands from the source to the confluence with Mineral Creek except for Crystal Lake and its exiting tributary to confluence with Middle Fork of Mineral Creek.

COSJAF08	Classifications	Physical and Biolo	gical		Met	als (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic		100(T)
Other:		D.O. (mg/L)		3.0	Beryllium		100(T)
		рН	4.5-9.0		Cadmium		10(T)
	ation of dissolved aluminum, per, iron, lead, manganese, and zinc	chlorophyll a (mg/m²)			Chromium III		100(T)
that is directed	toward maintaining and achieving	E. Coli (per 100 mL)		126	Chromium VI		100(T)
water quality s and 4b.	standards established for segments 4a	Inorganic (m	g/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

sc=sculpin

27	or willional Orecik, molading wedanas, in	om immediately above the conf	derice with South iv	miorai Oroon	to the commented min to	10 7 111111100 1 111 011	
COSJAF09	Classifications	Physical and	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2*	Temperature °C	CS-I	CS-I	Aluminum		varies*
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS(tr)
Other:		pH	varies*		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	50(T)	
	n: Aquatic Life indicator goal: prates; Brook Trout corridor	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	pronic) = Standards are listed on Table				Copper	TVS	varies*
1. *Coppor(chro	nic) = Standards are listed on Table 1.	Inorga	nic (mg/L)		Iron		varies*
	= Standards are listed on Table 1.		acute	chronic	Iron		WS
, ,	= Standards are listed on Table 1.	Ammonia	TVS	TVS	Lead	TVS	TVS
, ,	Standards are listed on Table 1.	Boron		0.75	Manganese	TVS	TVS
pri(acute) – s	Otanidalus ale listed UII Table 1.	Chloride		250	Manganese		WS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc	TVS	varies*
10a Maineter	m of the Florida River from the boundar					170	varies
COSJAF10A		y of the welllindche wildernes	S Area to the infet of	Lemon Rese	ervoir.		
	Classifications	Physical and	d Biological			Metals (ug/L)	
	Classifications	Physical and	<u>_</u>			Metals (ug/L)	chronic
Designation	Agriculture		DM	MWAT	Aluminum	acute	chronic
Designation	Agriculture Aq Life Cold 1	Physical and Temperature °C	DM CS-I	MWAT CS-I	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	MWAT CS-I chronic	Arsenic	acute 340	 0.02(T)
Designation Reviewable	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Designation Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	0.02(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	MWAT CS-I chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COSJAF10B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	'	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
	ladification(a)	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
rsenic(chron	lodification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
Apiration Dat	te 01 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
		3	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
		Camao		0.002	!		- ()
1a Mainster	m of the Florida Diver from the	Florida Farmers Canal Headnate to the	Southern Lite Indian	Decenyation	houndary		
	n of the Florida River from the Classifications	Florida Farmers Canal Headgate to the S Physical and		n Reservatior	n boundary.	Metals (ug/L)	
OSJAF11A		<u> </u>		n Reservation	n boundary.	Metals (ug/L)	chronic
	Classifications	<u> </u>	Biological		n boundary. Aluminum		chronic
OSJAF11A esignation	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	chronic 0.02(T)
OSJAF11A esignation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum Arsenic	acute	
OSJAF11A esignation	Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Aluminum	acute 340 	
OSJAF11A esignation eviewable ualifiers:	Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340 TVS(tr)	0.02(T)
OSJAF11A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 	0.02(T) TVS
osjaF11A esignation eviewable ualifiers: tther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T)	0.02(T) TVS TVS
osjaf11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
OSJAF11A esignation eviewable ualifiers: ther: emporary M renic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
osjaf11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 bic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
osjaf11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 lic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
OSJAF11A esignation eviewable ualifiers: ther: emporary M renic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 bic (mg/L)	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
OSJAF11A esignation eviewable ualifiers: ther: emporary M renic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ciic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
DSJAF11A esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS TVS US 1000(T) TVS TVS VS US 0.01(t)
osjaf11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
OSJAF11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
osjaf11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
OSJAF11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS
OSJAF11A esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin

COSJAF11B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
*Southern Ute	e Indian Reservation		acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

12a. All tributaries to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for specific listings in Segments 12b, 12c and 15. All tributaries to the Florida River from the source to below the confluence with Mud Spring Creek, except the specific listing in Segment 1.

COSJAF12A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	enic(chronic) = hybrid iration Date of 12/31/2021				Iron		WS
_,,p.,.a	.5 5. 12,61,2521	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

12b. Lemon F							
	Classifications	Physical and	<u>_</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.03	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
					Ziiio	173	110
12c Hormos	a Crook including all tributarios	Sulfide		0.002			110
	1	Sulfide s, from the source to immediately below t	 he confluence with	0.002		of Hermosa Creek.	170
OSJAF12C	Classifications	Sulfide	he confluence with	0.002 Long Hollow		of Hermosa Creek. Metals (ug/L)	
COSJAF12C Designation	Classifications Agriculture	Sulfide s, from the source to immediately below t Physical and	he confluence with Biological DM	0.002 Long Hollow MWAT	, except for the East Forl	of Hermosa Creek. Metals (ug/L) acute	chronic
OSJAF12C esignation	Classifications Agriculture Aq Life Cold 1	Sulfide s, from the source to immediately below t	ne confluence with Biological DM CS-I	0.002 Long Hollow MWAT CS-I	, except for the East Fork Aluminum	of Hermosa Creek. Metals (ug/L) acute	chronic
OSJAF12C Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below t Physical and Temperature °C	ne confluence with Biological DM CS-I acute	0.002 Long Hollow MWAT CS-I chronic	, except for the East Forb Aluminum Arsenic	metals (ug/L) acute 340	
COSJAF12C Designation DW	Classifications Agriculture Aq Life Cold 1	Sulfide s, from the source to immediately below t Physical and Temperature °C D.O. (mg/L)	ne confluence with Biological DM CS-I acute	0.002 Long Hollow MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	metals (ug/L) acute 340	chronic 0.02(T)
COSJAF12C Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide S, from the source to immediately below to Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	ne confluence with Biological DM CS-I acute	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	chronic 0.02(T) TVS
COSJAF12C Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below t Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	ne confluence with Biological DM CS-I acute 6.5 - 9.0	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COSJAF12C Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source of the so	ne confluence with Biological DM CS-I acute 6.5 - 9.0	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI	acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below t Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	ne confluence with Biological DM CS-I acute 6.5 - 9.0	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source of the so	ne confluence with Biological DM CS-I acute 6.5 - 9.0	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS WS
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source to immediately below to the source and the source of the source o	ne confluence with Biological DM CS-I acute 6.5 - 9.0	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0	, except for the East Fork Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source to immediately below to the source and the source of the source o	ne confluence with Biological DM CS-I acute 6.5 - 9.0	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 chronic	, except for the East Fork Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS VS TVS TVS TVS VS
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source to immediately below to the source and the source of the source o	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126	, except for the East Forb Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source of immediately below to the source of	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 chronic	, except for the East Fork Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below t Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below t Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 160(T)
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Mercury	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
cOSJAF12C designation down	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source of immediately below to the source of	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 160(T)
COSJAF12C Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source to immediately below to the source to immediately below to the source to immediately below to the source to immediately below to the source to the source of the so	he confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	, except for the East Forb Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SS TVS US 1000(T) TVS VS 0.01(t) 160(T) TVS
COSJAF12C Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source to immediately below to the source to immediately below to the source to immediately below to the source to immediately below to the source of the so	the confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	, except for the East Fort Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS SS TVS US 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS
COSJAF12C Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide s, from the source to immediately below to the source to immediately below to the source to immediately below to the source to immediately below to the source to immediately below to the source of the so	ne confluence with Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	0.002 Long Hollow MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	x of Hermosa Creek. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS VS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

	th the Animas River. Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	- Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
13a. Mainster	m of Junction Creek including a	Il tributaries, from the U.S. Forest Bound	dary to the confluen	ce with Anim	nas River.		
OSJAF13A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Vater + Fish	Ingestion Standards	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		illorgali			1		TVS
		morgan	acute	chronic	Lead	TVS	173
		Ammonia		chronic TVS	Manganese	TVS	TVS
			acute				
		Ammonia	acute TVS	TVS	Manganese	TVS	TVS
		Ammonia Boron	acute TVS	TVS 0.75	Manganese Manganese	TVS 	TVS WS
		Ammonia Boron Chloride	acute TVS 	TVS 0.75 250	Manganese Manganese Mercury	TVS 	TVS WS 0.01(t)
		Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum	TVS 	TVS WS 0.01(t) 160(T)
		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	TVS WS 0.01(t) 160(T) TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

13b. All tributaries to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 12d, 13a, 14a and 14b; all tributaries to the Florida River, from a point immediately below the confluence with Mud Creek to the Southern Ute Indian Reservation boundary, except for specific listings in Segment 12d.

COSJAF13B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Arsenic(chron	* *				Iron		WS
,	re of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
Discharger Sn	ecific Variance(s):		acute	chronic	Lead	TVS	TVS
	ch) = TVS:15 mg/L	Ammonia	TVS	TVS	Manganese	TVS	TVS
,	e of 12/31/2024	Boron		0.75	Manganese		WS
,	nmonia = see 34.6(4) for details.	Chloride		250	Mercury		0.01(t)
"Variance. An	illionia = see 34.6(4) for details.	Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

13c. All tributaries to the Animas River from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for Segment 11b; all tributaries to the Florida River from the Southern Ute Indian Reservation boundary to the confluence with the Animas River.

COSJAF13C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Arsenic(chroni	* *				Iron		WS
,	e of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
•			acute	chronic	Lead	TVS	TVS
*Southern Ute	Indian Reservation	Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

t = total tr=trout sc=sculpin

COSJAF13D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic		100(T)
Other:		D.O. (mg/L)		3.0	Beryllium		100(T)
		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI		100(T)
		Inorgan	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					
14a. Mainster	n of Lightner Creek, including all	tributaries, from the source to below th	ne confluence with D	Deep Creek.			
COSJAF14A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Fomporory M	adification(a):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	odification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
_xpiration Dat	le 01 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
				0.75	Manganese		WS
		Boron					
					Mercury		0.01(t)
		Chloride		250			
		Chloride Chlorine	0.019		Mercury Molybdenum Nickel		0.01(t) 160(T) TVS
		Chloride Chlorine Cyanide	0.019 0.005	250 0.011	Molybdenum		160(T)
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 10	250 0.011 	Molybdenum Nickel	TVS	160(T) TVS TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005	250 0.011 	Molybdenum Nickel Selenium	TVS TVS	160(T)
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 10	250 0.011 0.05	Molybdenum Nickel Selenium Silver	TVS TVS TVS	160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

	m of Lightner Creek from bel						
COSJAF14B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
`	te of 12/31/2021				Iron		WS
•		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
15. Mainstem	of Purgatory Creek from the				ek; and Nary Draw from th	e source to Haviland L	ake.
15. Mainstem	of Purgatory Creek from the Classifications	Sulfide e source to Cascade Creek; Goulding Creek Physical and	from the source to		k; and Nary Draw from th	e source to Haviland L Metals (ug/L)	ake.
COSJAF15		e source to Cascade Creek; Goulding Creek	from the source to		ek; and Nary Draw from th		ake. chronic
COSJAF15 Designation	Classifications	e source to Cascade Creek; Goulding Creek	from the source to	Elbert Cree	ek; and Nary Draw from th	Metals (ug/L)	
COSJAF15 Designation	Classifications Agriculture	e source to Cascade Creek; Goulding Creek Physical and	from the source to Biological DM	Elbert Cree		Metals (ug/L) acute	
COSJAF15 Designation	Classifications Agriculture Aq Life Cold 2	e source to Cascade Creek; Goulding Creek Physical and	from the source to Biological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
COSJAF15 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C	c from the source to Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COSJAF15	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L)	c from the source to Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	c from the source to Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	c from the source to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	c from the source to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	c from the source to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	c from the source to Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t)
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COSJAF15 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	e source to Cascade Creek; Goulding Creek Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	c from the source to Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 Chronic Chroni	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS VS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

-	nerald Lake, Ruby Lake, Bals				1	•	
COSJAF16	Classifications	Physical and	<u>_</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
17. All lakes t	ributary to Arrastra Gulch fror	n the source to the confluence with the Ar	nimas River. This se	egment inclu	des Silver Lake.		
OSJAF17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		O(u)
		Phosphorus		0.05	Zinc	TVS	TVS
		·				1 4 3	1 7 3
		Sulfate					
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

18. All lakes and reservoirs tributary to Cinnamon Creek, Grouse Creek, Picayne Gulch, Minnie Gulch and Eureka Gulch. All lakes and reservoirs tributary to the Animas River from immediately above Maggie Gulch to Elk Park except for those listed under Segments 16, 17,19, and 20. This segment includes Molas Lake, Bullion King Lake, Columbine Lake, Clear Lake, Island Lake, Ice Lake, Fuller Lake and Crystal Lake.

Classifications	Physical and Bio	ological			Metals (ug/L)	
Agriculture		DM	MWAT		acute	chronic
Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Vater Supply	D.O. (mg/L)		6.0	Beryllium		
	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	рН	6.5 - 9.0		Chromium III	50(T)	TVS
	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	E. Coli (per 100 mL)		126	Copper	TVS	TVS
				Iron		WS
	Inorganic	(mg/L)		Iron		1000(T)
	3		chronic	Lead	TVS	TVS
	Ammonia			Manganese	TVS	TVS
				Manganese		WS
						0.01(t)
						160(T)
					TVS	TVS
	•					TVS
				-		TVS(tr)
					TVS	TVS
d reservoirs tributary to Cement Cree						
			3 1 11 7 0 1 1		Metals (ug/L)	
	,	DM	MWAT			chronic
=	Temperature °C	CL		Aluminum		
Recreation E					340	100(T)
	D.O. (mg/L)		6.0			
	D.O. (spawning)		7.0		TVS(tr)	TVS
	pH	6.5 - 9.0				TVS
	chlorophyll a (mg/m²)					100(T)
	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	. ,					TVS
	Inorganic	(ma/L)				1000(T)
	morganic	acute	chronic	Lead	TVS	TVS
	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Mercury		0.01(t)
	Chloride			Molybdenum		160(T)
	Chlorine	0.019	0.011	Nickel	TVS	TVS
	Chlorine Cyanide	0.019 0.005	0.011	Nickel Selenium	TVS TVS	TVS TVS
	Chlorine Cyanide Nitrate	0.019 0.005 100	0.011	Nickel Selenium Silver	TVS TVS TVS	TVS TVS TVS(tr)
	Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100	0.011	Nickel Selenium Silver Uranium	TVS TVS TVS	TVS TVS TVS(tr)
	Chlorine Cyanide Nitrate	0.019 0.005 100	0.011	Nickel Selenium Silver	TVS TVS TVS	TVS TVS TVS(tr)
	Classifications Agriculture Aq Life Cold 2	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic of the control of the confluence of the conflue	chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg/L) acute Ammonia TVS Boron Chloride Chlorine 0.019 Cyanide 0.005 Nitrate 10 Nitrite Phosphorus Sulfate Sulfate Sulfide d reservoirs tributary to Cement Creek from the source to the confluence with the Anima: Classifications Physical and Biological signiculture DM acute D-O. (mg/L) D.O. (spawning) pH 6.5 - 9.0 chlorophyll a (mg/m²)	Chlorophyll a (mg/m²)	Chlorophyll a (mg/m²)	Chlorophyll a (mg/m²)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

20. All lakes and reservoirs on the east side of Mineral Creek from the source to a point immediately above the confluence with South Mineral Creek. All lakes and reservoirs tributary to the Middle Fork of Mineral Creek from the source to the confluence with Mineral Creek except for the specific listings in Segment 18.

COSJAF20	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

21. All lakes and reservoirs tributary to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for the specific listing in Segment 12b. All lakes and reservoirs tributary to the Florida River from the source to the outlet of Lemon Reservoir, except the specific listing in Segment 16. This segment includes Little Molas Lake, Andrews Lake, Potato Lake, Scout Lake, Boyce Lake, Columbine Lake, Haviland Lake, Henderson Lake, Ruby Lake, Pear Lake, Webb Lake, Shalona Lake, Stratton Lake, and Wallace Lake.

COSJAF21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. $\label{eq:tau} T = total \ recoverable \\ t = total$

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COSJAF22	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

23. All lakes and reservoirs tributary to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 13a and 14; all lakes and reservoirs tributary to the Florida River, from the outlet of Lemon Reservoir to the Southern Ute Indian Reservation boundary. This segment includes Chapman Lake and City Res No 1.

COSJAF23	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable
t = total

tr=trout sc=sculpin

COSJAF24	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
Southern Ute	Indian Reservation				Iron		WS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

a sactor	(de la 51 a 51		1	Cou		La de la cale			
1. Mainstem c	of the La Plata Rive	r, including all wet	lands and tributaries from	the source to the cal and Biolog		n diversion s	outn of Hesperus.	Metals (ug/L)	
	-		Pilysi	cai and biolog	DM	MWAT	-		chronic
Designation Reviewable	Agriculture Ag Life Cold 1		Tomporatura °C		CS-I	CS-I	Aluminum	acute	chronic
Reviewable	Recreation E		Temperature °C			chronic	-		0.02(T)
	Water Supply		D.O. (mg/L)		acute		Arsenic	340	0.02(T)
Qualifiers:	vvater Supply		D.O. (mg/L)			7.0	Beryllium		
			D.O. (spawning)				Cadmium	TVS(tr)	TVS
Other:			pH		6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):		chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid		E. Coli (per 100 mL)			205	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021						Iron		WS
				Inorganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS(sc)
			Sulfide			0.002			
2a. Mainstem	of the La Plata Riv	er from the Hay G	ulch diversion south of He	sperus to the b	oundary of S	Southern Ute	Indian Reservation.		
COSJLP02A	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture	,			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS
				Inorganic (mg/	1)		Iron		1000(T)
				morgamo (mg/	acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
							Mercury		0.01(t)
			Chloride Chlorine		0.019	250 0.011	Molybdenum		160(T)
							Nickel	TVS	TVS
			Cyanide		0.005		Selenium		
			Nitrate		10		-	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS(sc)
			Sulfide			0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

COSJLP02B	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation P	11/1 - 4/30	D.O. (mg/L)			5.0	Beryllium		
	Water Supply		pH		6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (mg/m²)				Chromium III	50(T)	TVS	
Other:			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		205	Copper	TVS	TVS
Southern Ute	Southern Ute Indian Reservation						Iron		WS
			Inorganic (mg/L)			Iron		1000(T)	
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			

COSJLP03A	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

3b. Ali tributa	ies to the La Flata River, inclut	ding all wetlands, from the boundary of th	ie Southern Ote ind	iian Reserva	tion to the Colorado/New N	nexico border.	
COSJLP03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
Southern Ute	Indian Reservation	Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		j			Zinc	TVS	TVS
3c. Cherry Cr	eek, including all tributaries and	d wetlands, from the source to the bound	ary of the Southern	Ute Indian F	Reservation boundary.		
COSJLP03C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Sale in a						. ,	
otner:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
otner:		pH chlorophyll a (mg/m²)	6.5 - 9.0 		Chromium III Chromium VI		TVS TVS
otner:		•				50(T)	
Other:		chlorophyll a (mg/m²)			Chromium VI	50(T) TVS	TVS
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL)			Chromium VI Copper	50(T) TVS TVS	TVS TVS
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL)			Chromium VI Copper Iron	50(T) TVS TVS	TVS TVS WS
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L)	126	Chromium VI Copper Iron	50(T) TVS TVS	TVS TVS WS 1000(T)
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 ic (mg/L) acute	126 chronic	Chromium VI Copper Iron Iron Lead	50(T) TVS TVS TVS	TVS TVS WS 1000(T) TVS
mer:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	 ic (mg/L) acute TVS	126 chronic TVS	Chromium VI Copper Iron Iron Lead Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS
mer:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
otner:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

4a. Mainstem	of the Mancos Rive	or, including all we	tiarias ana tribatarios, nor		,		1		,
COSJLP04A	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			pH		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
emporary M	lodification(s):		E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS
Arsenic(chron	nic) = hybrid		E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS
Expiration Da	te of 12/31/2021			Inorganic (mg/	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
							1		
			Sulfide			0.002			
4b. Mancos F	Reservoir (Jackson (Gulch Reservoir).							
	T ,	Gulch Reservoir).	Sulfide	cal and Biolog				Metals (ug/L)	
OSJLP04B	T ,	Gulch Reservoir).	Sulfide	cal and Biolog					chronic
4b. Mancos F COSJLP04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Gulch Reservoir).	Sulfide	cal and Biolog	ical	0.002	Aluminum	Metals (ug/L)	chronic
COSJLP04B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic	cal and Biolog	ical DM	0.002 MWAT		Metals (ug/L)	
COSJLP04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Gulch Reservoir).	Sulfide Physic	cal and Biolog	ical DM CLL	0.002 MWAT CLL	Aluminum	Metals (ug/L) acute	
COSJLP04B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physi Temperature °C	cal and Biolog	DM CLL acute	0.002 MWAT CLL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	0.02(T)
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L)	cal and Biolog	DM CLL acute	0.002 MWAT CLL chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	0.02(T)
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning)	cal and Biolog	DM CLL acute	MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	0.02(T) TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physical Phy	cal and Biolog	DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physical Phy	cal and Biolog	DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biolog	DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		DM CLL acute 6.5 - 9.0 / //L)	0.002 MWAT CLL chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physical Phy		DM CLL acute 6.5 - 9.0 //L) acute	0.002 MWAT CLL chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physical Phy		DM CLL acute 6.5 - 9.0 /L) acute TVS	MWAT CLL chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron		DM CLL acute (6.5 - 9.0 (LL) acute TVS	0.002 MWAT CLL chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSJLP04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride		DM CLL acute (5.5 - 9.0 /L) acute TVS	0.002 MWAT CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physical Phy		DM CLL acute (1.5 - 9.0 1.5 - 9.0 (1.5 - 9.0 1.	0.002 MWAT CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Physical Phy		DM CLL acute 6.5 - 9.0 //L) acute TVS 0.019 0.005	0.002 MWAT CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate		DM CLL acute (6.5 - 9.0 (L) acute TVS (0.019 0.005 10 10	0.002 MWAT CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COSJLP04B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Gulch Reservoir).	Sulfide Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		DM CLL acute (5.5 - 9.0 TVS (7.0 1	0.002 MWAT CLL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

DM = daily maximum

MWAT = maximum weekly av

D.O. = dissolved oxygen

MWAT = maximum weekly average temperature

4c. Mainstem of the Mancos River, including all wetlands, tributaries, from below the San Juan National Forest Boundary to Hwy 160. Chicken Creek, including all tributaries, from its source to the confluence with the Mancos River.

COSJLP04C	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS
			ı	norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			

5a. Mainstem of the Mancos River from Hwy 160 to the boundary of the Ute Mountain Indian Reservation and mainstem of Weber Canyon from source to confluence with Mancos River.

COSJLP05A	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Beryllium		
	Water Supply		pH		6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:			chlorophyll a (mg/m²)				Chromium III	50(T)	TVS
Other:			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Copper	TVS	TVS
							Iron		WS
				norganic (mg/	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature

COSJLP05B	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	7.6(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium III		100(T)
Ute Mountain	Indian Reservation		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
			Inorganic (mg/L)			Iron		1000(T)	
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate						
			Sulfide			0.002			

6a. All tributaries to the Mancos River, including all wetlands, from Hwy 160 to the boundary of the Ute Mountain Indian Reservation, except for specific listings in segment 4c, 5a and 6c.

COSJLP06A	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	100(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III		100(T)
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
				norganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate						
			Sulfide			0.002]		

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum week

MWAT = maximum weekly average temperature

			wetlands, from the bound	2.7 0. 1 010 1.	Touritain ina	idii i toooi vat		viexico border.	
COSJLP06B	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-II	WS-II	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	100(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III		100(T)
*Ute Mountain	Indian Reservation		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
			!	Inorganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate				İ		
			Sulfide			0.002			
6c. All tributar	ries to the Mancos R	iver located in Me	esa Verde National Park.						
COSJLP06C	Classifications		Physi	cal and Biologi	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
OW	Aq Life Warm 1		Temperature °C		WS-III	WS-III	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	7.6(T)
Qualifiers:	Recreation E		D.O. (mg/L)		acute 	chronic 5.0	Arsenic Beryllium	340	7.6(T)
	Recreation E		D.O. (mg/L)						
	Recreation E					5.0	Beryllium		
	Recreation E		pH		6.5 - 9.0	5.0	Beryllium Cadmium	TVS	 TVS
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/	6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III	TVS TVS	TVS
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III Chromium III	TVS TVS	TVS TVS 100(T)
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	 6.5 - 9.0 	5.0 126	Beryllium Cadmium Chromium III Chromium III Chromium VI	 TVS TVS TVS	TVS TVS 100(T) TVS
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	 6.5 - 9.0 L) acute	5.0 126 chronic	Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia	norganic (mg/	6.5 - 9.0 L) acute	5.0 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T)
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	norganic (mg/	6.5 - 9.0 L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	Inorganic (mg/	6.5 - 9.0 L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	lnorganic (mg/	6.5 - 9.0 L) acute TVS 0.019	5.0 126 chronic TVS 0.75 	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 100	5.0 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) TVS
Qualifiers: Other:	Recreation E		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 100	5.0 126 chronic TVS 0.75 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) TVS TVS

COSJLP07A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
	Andification(a)	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	Modification(s):	E. Coli (per 100 mL)		126	Chromium III		100(T)
Ammonia(chronic) = 0.06		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Ammonia(acute) = old TVS Expiration Date of 6/30/2016			acute	chronic	Copper	TVS	TVS
Apiration Da	tte 01 0/30/2010	Ammonia	TVS	TVS	Iron		2200(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
7b. Mainstem	of McElmo Creek within the U			0.002	Zinc	TVS	TVS
7b. Mainstem		Sulfide Ute Mountain Indian Reservation. Physical and		0.002	<u>. </u>		TVS
OSJLP07B	Classifications	Ite Mountain Indian Reservation.		0.002 MWAT	<u>. </u>	TVS Metals (ug/L) acute	
	Classifications	Ite Mountain Indian Reservation.	Biological		<u>. </u>	Metals (ug/L)	
OSJLP07B Designation	Classifications Agriculture	Ite Mountain Indian Reservation. Physical and	Biological DM	MWAT		Metals (ug/L) acute	
COSJLP07B Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Ite Mountain Indian Reservation. Physical and	Biological DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute	chronic
COSJLP07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Ite Mountain Indian Reservation. Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 7.6(T)
COSJLP07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	te Mountain Indian Reservation. Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
cosjlp07B designation deviewable qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6(T) TVS
COSJLP07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T)
cosjlp07B designation deviewable qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
cosjlp07B designation deviewable qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
cosjlp07B designation deviewable qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Dite Mountain Indian Reservation. Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000
cosjlp07B designation deviewable qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000 TVS
cosjlp07B designation deviewable dualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000 TVS TVS
osjlp07B esignation eviewable ualifiers: other:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000 TVS TVS 0.01(t)
cosjlp07B designation deviewable dualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000 TVS 1000 TVS TVS 0.01(t)
cosjlp07B designation deviewable dualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000 TVS TVS 0.01(t) 160(T) TVS
cosjlp07B designation deviewable dualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	De Mountain Indian Reservation. Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000 TVS TVS 0.01(t) 160(T) TVS
COSJLP07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000 TVS TVS 0.01(t) 160(T) TVS

8a. All tributa	ries to McElmo Creek, including	all wetlands, from the source to the Co	lorado/Utah border,	except for s	pecific listings in Segmen	nts 7a, 8b, 8c and 11.	
COSJLP08A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	50(T)	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Manganese		WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum		160(T)
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
8b. All tributaı	ries to McElmo Creek, including	all wetlands, within the Ute Mountain Ir	idian Reservation.				
COSJLP08B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
*Ute Mountair	Indian Reservation	E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
				0.75	Lead	TVS	TVS
		Boron					
		Boron Chloride			Manganese	TVS	TVS
				0.011	Manganese Mercury	TVS 	TVS 0.01(t)
		Chloride					
		Chloride Chlorine	0.019	0.011	Mercury		0.01(t)
		Chloride Chlorine Cyanide	0.019 0.005	0.011	Mercury Molybdenum		0.01(t) 160(T)
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 100	0.011	Mercury Molybdenum Nickel	 TVS	0.01(t) 160(T) TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100	0.011	Mercury Molybdenum Nickel Selenium	 TVS TVS	0.01(t) 160(T) TVS TVS

8c. Unnamed	and area of the contract of the contract						
COSJLP08C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	ch) = current conditions	E. Coli (per 100 mL)		126	Chromium III		100(T)
•	te of 6/30/2016	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
•			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		0.15.1			7:	T) (0	T) (0
		Sulfide		0.002	Zinc	TVS	TVS
9. Mainstem o	of the San Juan River in Montezo			0.002	Zinc	175	IVS
9. Mainstem o	of the San Juan River in Montezo			0.002	Zinc	Metals (ug/L)	175
COSJLP09		uma County.		0.002 MWAT	Zinc		chronic
COSJLP09	Classifications	uma County.	Biological		Aluminum	Metals (ug/L)	
COSJLP09 Designation	Classifications Agriculture	uma County. Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
COSJLP09 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	uma County. Physical and	Biological DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute	chronic
COSJLP09 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 7.6(T)
COSJLP09 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	7.6(T)
COSJLP09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS
COSJLP09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T) TVS TVS
COSJLP09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T) TVS TVS 0.01(t)
COSJLP09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T) TVS 0.01(t) 160(T)
COSJLP09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T) TVS 0.01(t) 160(T) TVS
COSJLP09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 2200(T) TVS TVS 0.01(t) 160(T) TVS

Segments 10 COSJLP10A		Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	i nysicai and	DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E	Tomporataro o	acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
ther:		pH	6.5 - 9.0		Cadmium	TVS	TVS
ulei:		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
			ic (mg/L)		Chromium VI	TVS	TVS
		ergun	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite			Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		·					
		Sulfate			Turanium		
		Sulfate Sulfide		0.002	Uranium	TVS	TVS
hrough 8c.	aries to the San Juan River in M		 ain Indian Reserva	0.002	Zinc		
hrough 8c.		Sulfide Montezuma County within the Ute Mount	 ain Indian Reserva	0.002	Zinc	ne specific listings in S	
hrough 8c. COSJLP10B Designation	Classifications	Sulfide Montezuma County within the Ute Mount	 ain Indian Reserval Biological	0.002 tion, including	Zinc	ne specific listings in S	Segments 2
nrough 8c. OSJLP10B esignation	Classifications Agriculture	Sulfide Montezuma County within the Ute Mount Physical and	 ain Indian Reserval Biological DM	0.002 tion, including	Zinc all wetlands, except for the	ne specific listings in S Metals (ug/L) acute	Segments 2
nrough 8c. COSJLP10B esignation	Classifications Agriculture Aq Life Warm 2	Sulfide Montezuma County within the Ute Mount Physical and	 ain Indian Reserval Biological DM WS-III	0.002 tion, including MWAT WS-III	Zinc gall wetlands, except for the	Metals (ug/L) acute	Segments 2 chronic
hrough 8c. COSJLP10B Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C	ain Indian Reserval Biological DM WS-III acute	0.002 tion, including MWAT WS-III chronic	Zinc all wetlands, except for the state of t	me specific listings in S Metals (ug/L) acute 340	chronic 7.6(T)
hrough 8c. COSJLP10B Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide Montezuma County within the Ute Mounts Physical and Temperature °C D.O. (mg/L)	ain Indian Reservat Biological DM WS-III acute	0.002 tion, including MWAT WS-III chronic 5.0	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340	chronic 7.6(T) 100(T)
cosjlp10B designation dp dualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide Montezuma County within the Ute Mounts Physical and Temperature °C D.O. (mg/L) pH	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0	0.002 tion, including MWAT WS-III chronic 5.0	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS	chronic 7.6(T) 100(T) TVS
hrough 8c. COSJLP10B Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0	0.002 tion, including MWAT WS-III chronic 5.0	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) 100(T) TVS
cosjlp108 cosjlp108 designation designation designation designation designation designation designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ain Indian Reserval Biological DM WS-III acute 6.5 - 9.0	0.002 tion, including MWAT WS-III chronic 5.0	Zinc all wetlands, except for the state of t	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) 100(T) TVS TVS 100(T)
cosjlp108 cosjlp108 designation designation designation designation designation designation designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L)	0.002 tion, including MWAT WS-III chronic 5.0 126	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS 100(T) TVS
cosjlp108 cosjlp108 designation designation designation designation designation designation designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounts Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	0.002 tion, including MWAT WS-III chronic 5.0 126 chronic	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS TVS 100(T) TVS TVS
orough 8c. OSJLP10B Designation P Dualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 tion, including MWAT WS-III chronic 5.0 126 chronic TVS	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS TVS 100(T) TVS TVS
orough 8c. OSJLP10B Designation P Dualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 tion, including MWAT WS-III chronic 5.0 126 chronic TVS 0.75	Zinc all wetlands, except for the state of t	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS 100(T) TVS 100(T) TVS TVS
cosjlp10B designation dp dualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 tion, including MWAT WS-III chronic 5.0 126 chronic TVS 0.75	Zinc gall wetlands, except for the gall wetlands, except for the gall wetlands, except for the gall wetlands, except for the gall wetlands and gall wetlands	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
cosjlp108 cosjlp108 designation designation designation designation designation designation designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounts Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	0.002 tion, including MWAT WS-III chronic 5.0 126 Chronic TVS 0.75 0.011	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS
cosjlp108 cosjlp108 designation designation designation designation designation designation designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounts Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	0.002 tion, including MWAT WS-III chronic 5.0 126 Chronic TVS 0.75 0.011	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS	chronic 7.6(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS
orough 8c. OSJLP10B Designation P Dualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	0.002 tion, including MWAT WS-III chronic 5.0 126 Chronic TVS 0.75 0.011	Zinc gall wetlands, except for the state of	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
cosjlp108 cosjlp108 designation designation designation designation designation designation designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Sulfide Montezuma County within the Ute Mounta Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ain Indian Reservat Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	0.002 tion, including MWAT WS-III chronic 5.0 126 Chronic TVS 0.75 0.011	Zinc gall wetlands, except for the state of	me specific listings in S Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 7.6(T) 100(T) TVS 100(T) TVS 100(T) TVS 1000(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS

	nep, Puett and Totten Reservoir						
COSJLP11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
12. All lakes a	and reservoirs tributary to the La	Plata River from the source to the Hay	Gulch diversion so	uth of Hespe	rus.		
COSJLP12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
		4 "					
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	Water Supply	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium		 TVS
	Water Supply				-		
	Water Supply	D.O. (spawning)		7.0	Cadmium	 TVS(tr)	TVS
	Water Supply	D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III	 TVS(tr) 50(T)	TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	7.0 126	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L)	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature

See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COSJLP13	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

COSJLP14	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Fish Ingestio	n Standards	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
*Southern Ute	Indian Reservation	Inorganic (mg	g/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

COSJLP15	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			,	DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1		Temperature °C		CL	CL	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
ualifiers:			pH		6.5 - 9.0		Chromium III	50(T)	TVS
ther:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Iron		WS
			I	Inorganic (mg/	'L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			
		ary to the Mancos	River, from Hwy 160 to th			ntain Indian I	Reservation.		
OSJLP16	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
esignation	Agriculture				DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	100(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		
ualifiers:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III		100(T)
			E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
			ļ	Inorganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
							I I Ironuum		
			Nitrite			0.05	Uranium		
			Phosphorus			0.05	Zinc	TVS	TVS
								TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

17.7 til latteo t		<u>, </u>	River, from the boundary	of the ote mou	itairi iriaiari	reservation	to the Coloradon ten mex	ico border.	
COSJLP17	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic	340	100(T)
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/31		205	Chromium III		100(T)
*Ute Mountain	Indian Reservation		E. Coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
				Inorganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate						
			Sulfide			0.002			
18. All lakes a	and reservoirs tributa	ry to Yellow Jack	et Creek, from the source	to the confluen	ce with McE	lmo Creek.	!		
COSJLP18	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WL	WL	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	7.6(T)
Qualifiers:			D.O. (mg/L)			5.0	Beryllium		
Other:			рH		6.5 - 9.0		Cadmium	TVS	TVS
			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			F 0-1: (100)				Chromium III		100(T)
			E. Coli (per 100 mL)			126	Chronilani iii		
			,	Inorganic (mg/		126	Chromium VI	TVS	TVS
			,	Inorganic (mg/		126			TVS TVS
			,	Inorganic (mg/	L)		Chromium VI	TVS	
				Inorganic (mg/	L) acute	chronic	Chromium VI Copper	TVS TVS	TVS
			Ammonia	Inorganic (mg/	acute TVS	chronic TVS	Chromium VI Copper Iron	TVS TVS	TVS 2200(T)
			Ammonia Boron	Inorganic (mg/	acute TVS	chronic TVS 0.75	Chromium VI Copper Iron Lead	TVS TVS TVS	TVS 2200(T) TVS
			Ammonia Boron Chloride	Inorganic (mg/	acute TVS	chronic TVS 0.75	Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS	TVS 2200(T) TVS TVS
			Ammonia Boron Chloride Chlorine	Inorganic (mg/	acute TVS 0.019	chronic TVS 0.75 0.011	Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS	TVS 2200(T) TVS TVS 0.01(t)
			Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/	acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS 2200(T) TVS TVS 0.01(t) 160(T)
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011	Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS	TVS 2200(T) TVS TVS 0.01(t) 160(T) TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.05	Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 2200(T) TVS TVS 0.01(t) 160(T) TVS TVS

19. All lakes a	•		Dialogias!		T , and a		
COSJLP19	Classifications	Physical and	<u>_</u>			Metals (ug/L)	
Designation JP	Agriculture	T	DM	MWAT	A1	acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
Qualifiara	Recreation E	D. C. (m. r.ll.)	acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		400	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide			Zinc	T. (C	TVS
		Cumae		0.002	Zilic	TVS	173
20. All lakes a	and reservoirs tributary to McEl	Imo Creek within the Ute Mountain Indian		0.002	ZIIIC	175	173
	and reservoirs tributary to McEl		Reservation.	0.002	Ziiic	Metals (ug/L)	173
COSJLP20 Designation		lmo Creek within the Ute Mountain Indian	Reservation.	0.002			chronic
COSJLP20 Designation	Classifications	lmo Creek within the Ute Mountain Indian	Reservation. Biological		Aluminum	Metals (ug/L)	
COSJLP20 Designation	Classifications Agriculture	lmo Creek within the Ute Mountain Indian Physical and	Reservation. Biological DM	MWAT		Metals (ug/L)	chronic
COSJLP20 Designation JP	Classifications Agriculture Aq Life Warm 2	lmo Creek within the Ute Mountain Indian Physical and	Reservation. Biological DM WL	MWAT WL	Aluminum	Metals (ug/L) acute	chronic
COSJLP20 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Imo Creek within the Ute Mountain Indian Physical and Temperature °C	Reservation. Biological DM WL acute	MWAT WL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 100(T)
COSJLP20 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L)	Reservation. Biological DM WL acute	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 100(T)
Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH	Reservation. Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 100(T) TVS
Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Reservation. Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS
Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Reservation. Biological DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS 100(T)
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L)	MWAT WL chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS
Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute	MWAT WL chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WL chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T)
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WL chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WL chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WL chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T)
Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Imo Creek within the Ute Mountain Indian Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Reservation. Biological DM WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WL chronic 5.0 126 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 0.01(t) 160(T) TVS TVS

COSJLP21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgar	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite			Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
22. All lakes a and 21.	and reservoirs tributary to the	San Juan River in Montezuma County wit	hin the Ute Mountai	n Indian Res	servation except for the sp	ecific listings in Segm	ents 17 and 2
COSJLP22	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic

COSJLP22	Classifications	Physical and Biolog	jical		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
*Ute Mountain	Indian Reservation	E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite			Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

COSJDO01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DM	MWAT		acute	chronic
W S	Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	1	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		,			Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.015	0.011	Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.03	Uranium		
		Sulfate		WS	Zinc	TVS	TVS(sc)
		Juliate					
		Sulfide					. ,
2 Mainstem	of the Dolores River from th	Sulfide	 onfluence with Hors	0.002			
2. Mainstem o	of the Dolores River from th	ne source to a point immediately above the c	onfluence with Hors	0.002		Metals (ug/L)	
OSJDO02	Classifications		onfluence with Hors	0.002		Metals (ug/L)	
COSJDO02 Designation	Classifications	ne source to a point immediately above the c Physical and	onfluence with Hors	0.002 se Creek.	Aluminum		chronic
OSJDO02 esignation	Classifications Agriculture	ne source to a point immediately above the c	onfluence with Hors Biological DM	0.002 se Creek.		acute	chronic
COSJDO02 Designation	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C	onfluence with Hors Biological DM CS-I	0.002 se Creek. MWAT CS-I	Aluminum Arsenic	acute	
COSJDO02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	onfluence with Hors Biological DM CS-I acute	0.002 se Creek. MWAT CS-I chronic	Aluminum	acute 340 	chronic
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	onfluence with Hors Biological DM CS-I acute	0.002 se Creek. MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	chronic 0.02(T) TVS
COSJDO02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	onfluence with Hors Biological DM CS-I acute	0.002 se Creek. MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
cosjdoo2 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute	0.002 se Creek. MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
cosjdoo2 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	0.002 se Creek. MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
cosjpoo2 designation deviewable deviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute	0.002 se Creek. MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
cosjpoo2 designation deviewable deviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ponfluence with Horse Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
cosjdoo2 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS VS 1000(T) TVS
osjpoo2 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
osjpoo2 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
osjboo2 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
cosjpoo2 designation deviewable deviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	onfluence with Horse Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS WS 0.01(t) 160(T)
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	onfluence with Horse Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS WS 0.01(t) 160(T) TVS
osjpoo2 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
osjpoo2 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
cosjdoo2 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	0.002 se Creek. MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

COSJDO03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
ther:		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	50(T)	
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	255
		Chloride		250	Manganese		TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

County Line).

COSJDO04A	Classifications	Physical and Biolo	gical		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	0.02(T)	
	Water Supply	D.O. (mg/L)		6.0	Beryllium			
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS	
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS	
		E. Coli (per 100 mL)		126	Copper	TVS	TVS	
					Iron		WS	
		Inorganic (mg	j/L)		Iron		1000(T)	
			acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS	
		Boron		0.75	Manganese		WS	
		Chloride		250	Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	10		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(tr)	
		Phosphorus			Uranium			
		Sulfate		WS	Zinc	TVS	TVS	
		Sulfide		0.002				

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr=trout sc=sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

4b. McPhee							
COSJDO04E	B Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	•	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
					Uranium		1 (3(11)
		Phosphorus					TVS
	aries to the Dolores River and West D istings in Segments 1 and 5b through						lores River exce
for specific lis		Sulfide Polores River, including all wetlands	 s, from the source to cluding Plateau Cre	0.002 a point imm	nediately below the conflu	uence with the West Do	lores River exce
for specific lis	istings in Segments 1 and 5b through Classifications	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc	 s, from the source to cluding Plateau Cre	0.002 a point immek) from the	nediately below the conflu	uence with the West Do with the Dolores River	lores River exce
for specific list COSJDO05A Designation	istings in Segments 1 and 5b through Classifications	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc	s, from the source to cluding Plateau Cred Biological	0.002 o a point immek) from the	nediately below the conflu	uence with the West Do with the Dolores River Metals (ug/L)	lores River exce
for specific list COSJDO05A Designation	istings in Segments 1 and 5b through Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc Physical and Temperature °C	s, from the source to cluding Plateau Cred Biological DM	0.002 a point immek) from the	nediately below the conflusource to the confluence	uence with the West Do with the Dolores River Metals (ug/L)	lores River exce
for specific lis COSJD005A Designation Reviewable	istings in Segments 1 and 5b through Classifications Agriculture Aq Life Cold 1	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc Physical and	s, from the source to cluding Plateau Cree Biological DM CS-I	0.002 o a point immek) from the	nediately below the conflusource to the confluence	uence with the West Do with the Dolores River Metals (ug/L) acute	chronic
for specific lis COSJD005A Designation Reviewable	istings in Segments 1 and 5b through Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc Physical and Temperature °C	s, from the source to cluding Plateau Cred Biological DM CS-I acute	0.002 o a point immek) from the MWAT CS-I chronic	nediately below the confluence to the confluence Aluminum Arsenic	uence with the West Do with the Dolores River Metals (ug/L) acute 340	chronic
for specific lis COSJD005A Designation Reviewable	istings in Segments 1 and 5b through Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc Physical and Temperature °C D.O. (mg/L)	s, from the source to cluding Plateau Cree Biological DM CS-I acute	0.002 o a point immek) from the MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	with the West Do with the Dolores River Metals (ug/L) acute 340	chronic 0.02(T)
for specific lis COSJDO05A Designation Reviewable Qualifiers: Other:	istings in Segments 1 and 5b through Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	s, from the source to cluding Plateau Cree Biological DM CS-I acute	0.002 o a point immek) from the MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
for specific lis COSJDO05A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	s, from the source to cluding Plateau Cred Biological DM CS-I acute 6.5 - 9.0	0.002 D a point immek) from the MWAT CS-I chronic 6.0 7.0	ediately below the conflusource to the confluence Aluminum Arsenic Beryllium Cadmium Chromium III	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0	0.002 Description a point immetal from the MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0	0.002 Description a point immetal from the MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0	0.002 Description a point immetal from the MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	mence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS
for specific lis COSJDO05A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 iic (mg/L)	0.002 Depart a point immek) from the MWAT CS-I Chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
for specific lis COSJDO05A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 cic (mg/L) acute	0.002 Description a point immetal point imm	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS VS US 1000(T) TVS
for specific lis COSJDO05A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	0.002 Description a point immetal price of the price of t	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese	with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	0.002 Description a point immetal principle of a point immetal principle	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese	sence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	0.002 o a point immek) from the MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Mercury	rence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS TVS WS 1000(T) TVS WS 0.01(t)
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	0.002 0 a point immek) from the MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum	rence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	0.002 o a point immek) from the MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	rence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
for specific lis COSJDO05A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Dolores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	children in the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	0.002 o a point immek) from the MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Marganese Mercury Molybdenum Nickel Selenium the confluence	rence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
for specific lis COSJD005A Designation Reviewable Qualifiers: Other: *Zinc(chronic	istings in Segments 1 and 5b through A Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply C) = Chronic zinc sculpin standard	Sulfide Polores River, including all wetlands 10; mainstem of Beaver Creek (inc. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	s, from the source to cluding Plateau Cree Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	0.002 0 a point immek) from the MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	rence with the West Do with the Dolores River Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

5b. Mainstem of Rio Lado from the source to the confluence with the Dolores River. Mainstem of Spring Creek from the source to the confluence with Stoner Creek. Mainstem of Little Taylor Creek from the source to the confluence with Taylor Creek Metals (ug/L) COSJDO05B Classifications Physical and Biological Designation Agriculture DM **MWAT** acute chronic ow Aq Life Cold 1 CS-I CS-I Aluminum Temperature °C Recreation E 340 0.02(T) acute chronic Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium **Qualifiers:** D.O. (spawning) ---7.0 Cadmium TVS(tr) **TVS** рН 6.5 - 9.0 ---Chromium III Other: 50(T) **TVS** chlorophyll a (mg/m2) Chromium VI **TVS TVS** E. Coli (per 100 mL) 126 TVS Copper **TVS** Iron WS Inorganic (mg/L) Iron ---1000(T) Lead TVS TVS acute chronic **TVS TVS** Manganese TVS **TVS** Ammonia Manganese WS 0.75 ---Boron 0.01(t)Chloride 250 Mercury 160(T) Molybdenum ---Chlorine 0.019 0.011 0.005 Nickel TVS **TVS** Cyanide Selenium **TVS TVS** Nitrate 10 Nitrite 0.05 Silver TVS TVS(tr) Uranium ---Phosphorus Zinc **TVS** TVS(sc) Sulfate WS Sulfide 0.002 6. Mainstem of the Slate Creek and Coke Oven Creek, from the Lizard Head Wilderness Area boundary to their confluences with the Dolores River. COSJDO06 Physical and Biological Classifications Metals (ug/L) Designation Agriculture DM MWAT chronic acute Reviewable Aq Life Cold 1 Temperature °C CS-I CS-I Aluminum Recreation E acute chronic 0.02(T)Arsenic 340 Water Supply D.O. (mg/L) 6.0 Beryllium **Oualifiers:** D.O. (spawning) 7.0 Cadmium TVS TVS рΗ 6.5 - 9.0 ---Chromium III 50(T) TVS Other: chlorophyll a (mg/m2) Chromium VI ---**TVS** TVS E. Coli (per 100 mL) 126 Copper **TVS TVS** Iron WS Iron 1000(T) Inorganic (mg/L) Lead **TVS TVS** acute chronic Ammonia TVS **TVS** Manganese TVS **TVS** Manganese WS Boron 0.75 0.01(t)Chloride 250 Mercury Chlorine 0.019 0.011 Molybdenum 160(T) Nickel **TVS** Cyanide 0.005 **TVS** Selenium TVS TVS Nitrate 10 ---0.05 Silver TVS TVS(tr) Nitrite Phosphorus Uranium ------Zinc TVS **TVS** Sulfate WS Sulfide 0.002

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

7. Mainstem (Classifications	Physical and	Riological			Metals (ug/L)			
Designation	Agriculture	Physical and	DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1	Tomporaturo °C	CS-I		Aluminum	acute			
Ceviewabie	Recreation E	Temperature °C	acute	CS-I chronic	Arsenic		0.02(T)		
	Water Supply	D.O. (mg/L)				340	0.02(T)		
Qualifiers:	water Suppry	D.O. (mg/L)		6.0 7.0	Beryllium		T) (C		
		D.O. (spawning)	6.5 - 9.0		Cadmium	TVS(tr)	TVS		
Other:					Chromium III	50(T)	TVS		
		chlorophyll a (mg/m²)		126	Chromium VI	TVS	TVS		
		E. Coli (per 100 mL)		126	Copper .	TVS	TVS		
					Iron		WS		
		Inorgan	ic (mg/L)		Iron .		1000(T)		
			acute	chronic	Lead	TVS	TVS		
		Ammonia	TVS	TVS	Manganese	TVS	TVS		
		Boron		0.75	Manganese		WS		
		Chloride		250	Mercury		0.01(t)		
		Chlorine	0.019	0.011	Molybdenum		160(T)		
		Cyanide	0.005		Nickel	TVS	TVS		
		Nitrate	10		Selenium	TVS	TVS		
		Nitrite		0.05	Silver	TVS	TVS(tr)		
		Phosphorus			Uranium				
		Sulfate		WS	Zinc	TVS	TVS(sc)		
		Sulfide		0.002					
3. Mainstem (of Horse Creek from the source	e to the confluence with the Dolores Rive	r.						
OSJD008	Classifications	Physical and	Biological		Metals (ug/L)				
esignation	Agriculture		DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum				
	Recreation E		acute	chronic	Arsenic	340	0.02(T)		
	Water Supply	D.O. (mg/L)		6.0	Beryllium				
ualifiers:	Water Supply	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium	TVS(tr)	TVS		
-	Water Supply				,		TVS		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)			
other: emporary M	fodification(s):	D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS		
emporary M	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS		
other: emporary Marsenic(chron	fodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS		
other: emporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS WS		
Other: Temporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L)	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS WS 1000(T)		
other: emporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 iic (mg/L)	7.0 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS		
emporary M	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS		
emporary M	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)		
other: emporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 iic (mg/L) acute TVS 0.019	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)		
emporary M	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)		
Other: Temporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS		
Other: Temporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS		
rsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS		
other: emporary Marsenic(chron	lodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS		

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

COSJDO09	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
eviewable	Aq Life Cold 2		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic	340	7.6(T)
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Beryllium		
ualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
ish Ingestio	on		pH		6.5 - 9.0		Chromium III	TVS	TVS
ther:			chlorophyll a (mg/m²)				Chromium III		100(T)
			E. Coli (per 100 mL)	5/1 - 10/31		126	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 4/30		630	Copper	TVS	TVS
				Inorganic (mg/	L)		Iron		
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		160(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate				Silver	TVS	TVS(tr)
			Nitrite			0.05	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate						
			Sulfide			0.002			
LO. Mainstem	of the West Dolore	s River from the Li	zard Head Wilderness Ar	ea boundary to	the confluen	nce with the [Dolores River.		
OSJDO10	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
)ualifiers:	Water Supply		D.O. (spawning)			6.0 7.0	Beryllium Cadmium	TVS(tr)	TVS
Qualifiers: Other:	Water Supply		D.O. (spawning)						TVS
-	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	
-	Water Supply		D.O. (spawning)		6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS TVS TVS
-	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²)		6.5 - 9.0	7.0 	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS WS
•	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/	6.5 - 9.0	7.0 	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS
	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/	6.5 - 9.0	7.0 	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS
•	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/	 6.5 - 9.0 	7.0 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS 50
•	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/	6.5 - 9.0 L) acute	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS 50 TVS
•	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia	Inorganic (mg/	6.5 - 9.0 L) acute	7.0 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS 50 TVS WS
•	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	Inorganic (mg/	6.5 - 9.0 L) acute TVS	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS 50 TVS WS
-	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	Inorganic (mg/	6.5 - 9.0 L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS 50 TVS WS
-	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS 50 TVS WS 0.01(t) 160(T) TVS
-	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS 50 TVS WS 0.01(t) 160(T) TVS
-	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS 50 TVS WS 0.01(t) 160(T) TVS
-	Water Supply		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS 50 TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout sc=sculpin

11. All tributaries to the Dolores River, including all wetlands, from a point immediately below the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line), except for the specific listing in Segments 4 and 5. Metals (ug/L) COSJDO11 Classifications Physical and Biological Designation Agriculture DΜ MWAT acute chronic Aq Life Cold 2 Reviewable Temperature °C CS-I CS-I Aluminum Recreation E 340 0.02(T) acute chronic Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium **Qualifiers:** D.O. (spawning) ---7.0 Cadmium TVS(tr) **TVS** Water + Fish Standards рН 6.5 - 9.0 Chromium III 50(T) **TVS** chlorophyll a (mg/m²) Chromium VI **TVS TVS** Other: E. Coli (per 100 mL) 126 TVS Copper **TVS** Temporary Modification(s): Iron WS Arsenic(chronic) = hybrid Inorganic (mg/L) Iron ---1000(T) Expiration Date of 12/31/2021 Lead TVS TVS acute chronic **TVS** TVS Manganese TVS **TVS** Ammonia Manganese WS 0.75 ---Boron ---0.01(t)Chloride 250 Mercury 160(T) Molybdenum ---Chlorine 0.019 0.011 0.005 Nickel TVS **TVS** Cyanide Selenium **TVS** TVS Nitrate 10 Nitrite 0.05 Silver TVS TVS Uranium Phosphorus ---Zinc TVS TVS(sc) Sulfate WS Sulfide 0.002 12. All lakes, and reservoirs tributary to the Dolores River and West Dolores River, which are within the Lizard Head Wilderness area. This segment includes Navajo Lake. Classifications COSJDO12 **Physical and Biological** Metals (ug/L) Designation Agriculture DM MWAT chronic acute ow Aq Life Cold 1 Temperature °C CL CL Aluminum Recreation E acute chronic 0.02(T)Arsenic 340 Water Supply D.O. (mg/L) 6.0 Beryllium **Oualifiers:** D.O. (spawning) 7.0 Cadmium TVS(tr) TVS рΗ 6.5 - 9.0 Chromium III 50(T) TVS Other: chlorophyll a (mg/m²) Chromium VI TVS **TVS** E. Coli (per 100 mL) 126 Copper **TVS TVS** Iron WS Iron 1000(T) Inorganic (mg/L) Lead **TVS TVS** acute chronic Ammonia TVS TVS Manganese TVS **TVS** Manganese WS Boron ---0.75 0.01(t)Chloride 250 Mercury Chlorine 0.019 0.011 Molybdenum 160(T) Nickel **TVS** Cyanide 0.005 **TVS** Selenium TVS TVS Nitrate 10 ---0.05 Silver TVS TVS(tr) Nitrite Phosphorus Uranium ------Zinc TVS TVS Sulfate WS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout

sc=sculpin

Sulfide

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 34.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

0.002

COSJDO13	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L) Iron				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

14. All lakes and reservoirs tributary to the Dolores River and West Dolores River, from the source to a point immediately below the confluence with the West Dolores River except for specific listings in Segments 12 and 13.

COSJDO14	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr=trout sc=sculpin

15. All lakes and reservoirs which are tributary to the Dolores River from a point immediately below the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line), except for the specific listing in Segment 4b. This segment includes Campbell Reservoir, Summers Reservoir, Red Lake, and Long Draw Reservoir.

COSJDO15	Classifications	Physical and Biolog		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

TABLE 1

ANIMAS RIVER BASIN AQUATIC LIFE INDICATOR GOAL: BROOK TROUT

Segment 3a Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Zn	720	780	1060	1200	760	410	280	340	380	440	510	590

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
Cd	TVS	TVS	TVS	3.5	2.2	TVS	TVS	TVS	TVS	TVS	TVS	TVS
Mn	TVS	TVS	2571	2179	TVS	TVS	TVS	TVS	TVS	TVS	TVS	TVS
Zn	720	780	1060	1200	760	410	280	340	380	440	510	590

Segment 4a

Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
Al(Trec)	3100	3550	2800	2020	1010	740	700	1360	1490	1610	2280	2570
Zn	460	520	620	570	430	250	170	240	290	340	380	420

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
рН	5.9-9.0	5.7-9.0	6.2-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	5.9-9.0
Al(Trec)	3100	3550	2800	2020	1010	740	700	1360	1490	1610	2280	2570
Fe	3473	2961	3776	3404	2015	1220	1286	1830	1623	2258	2631	3511
Zn	460	520	620	570	430	250	170	240	290	340	380	420

Segment 9

Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
Al(Trec)	4680	4950	4560	3800	1390	1350	1290	2040	2570	2680	3450	4050

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
рН	4.9-9.0	4.8-9.0	4.9-9.0	5.9-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.2-9.0	5.4-9.0
Al(Trec)	4680	4950	4560	3800	1390	1350	1290	2040	2570	2680	3450	4050
Cu	TVS	TVS	TVS	18	20	TVS	TVS	TVS	TVS	TVS	TVS	TVS
Fe	3420	3800	4370	3370	3150	2210	2275	2280	3020	3580	3620	3490
Zn	TVS	TVS	TVS	TVS	230	TVS	TVS	TVS	TVS	TVS	TVS	TVS

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Office of the Attorney General

Tracking number: 2015-00760

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-34

REGULATION NO. 34 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN AND DOLORES RIVER BASINS

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 29, 2016 11:21:58

Cynthia H. Coffman

Attorney General by Frederick R. Yarger

Judeick R. Yage

Solicitor General

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-34

Rule title

5 CCR 1002-34 REGULATION NO. 34 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN AND DOLORES RIVER BASINS 1 - eff 06/30/2016

Effective date

06/30/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34 CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN AND DOLORES RIVER BASINS

. . . .

34.46 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on 3 segments were reviewed.

Animas River segment 3b: Temporary modifications of the cadmium, copper and zinc standards. The Town of Silverton has presented evidence that they are making progress on the plan for eliminating the need for the temporary modification. The Commission made no change to the expiration date of 12/31/2017 as the original time allotment was deemed adequate.

La Plata et al. segments 7a and 8c: Temporary modifications of the ammonia standards for these segments were extended to 6/30/2018. The Division is working with small domestic dischargers on these segments to explore the possibility of proposing discharger specific variances. Progress continues to be made to improve water treatment for these segments.

PARTIES TO THE RULEMAKING HEARING

- City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS

APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2016

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Animas and Florida River Basins

3b. Mainstem of the Animas River, including wetland Creek.	s, from a point immediate	ly above the cor	nfluence wit	h Cement Cre	eek to a point immediately	y above the confluence	with Mineral	
COSJAF03B Classifications	Physic	cal and Biologi	cal		Metals (ug/L)			
DesignationRecreation E5/15 - 9/10			DM	MWAT		acute	chronic	
UP Recreation N 9/11 - 5/14					Aluminum			
Qualifiers:			acute	chronic	Arsenic			
Other:	D.O. (mg/L)			3.0	Beryllium			
Temporary Modification(s):	pН		6.0-9.0		Cadmium			
Cadmium(ac/ch) = current condition	chlorophyll a (mg/m²)				Chromium III			
Copper(ac/ch) = current condition	E. Coli (per 100 mL)	5/15 - 9/10		126	Chromium VI			
Zinc(ac/ch) = current condition	E. Coli (per 100 mL)	9/11 - 5/14		630	Copper			
Expiration Date of 12/31/2017					Iron			
'		Inorganic (mg/l	_)		Lead			
*The concentration of dissolved aluminum, cadmium copper, iron, lead, manganese, and zinc that is	7		acute	chronic	Manganese			
directed toward maintaining and achieving water quality standards established for segments 4a and	Ammonia				Mercury			
4b.	Boron				Molybdenum			
	Chloride				Nickel			
	Chlorine				Selenium			
	Cyanide				Silver			
	Nitrate				Uranium			
	Nitrite				Zinc			
	Phosphorus							
	Sulfate							
	Sulfide							

tr = trout sc = sculpin

COSJLP07A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
	Indification(c):	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
. ,	lodification(s):	E. Coli (per 100 mL)		126	Chromium III		100(T)
Ammonia(chronic) = 0.06		Inorgan	ic (mg/L)	Chromium VI	TVS	TVS	
Ammonia(acute) = old TVS Expiration Date of 6/30/2018			acute	chronic	Copper	TVS	TVS
cpiration Ba	10 01 010012010	Ammonia	TVS	TVS	Iron		2200(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
c. Unnamed	tributary to Ritter Draw (confluen	nce at 37.40216,-108.54582).			•		
OSJLP08C	· · · · · · · · · · · · · · · · · · ·	Physical and	Biological			Metals (ug/L)	
					_		
esignation	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Warm 2	Temperature °C	DM WS-III	MWAT WS-III	Aluminum	acute 	chronic
		Temperature °C			Aluminum Arsenic	acute 340	chronic 100(T)
P	Aq Life Warm 2	Temperature °C D.O. (mg/L)	WS-III	WS-III	-		
ualifiers:	Aq Life Warm 2	·	WS-III acute	WS-III chronic	Arsenic	340	
ualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L)	WS-III acute	WS-III chronic 5.0	Arsenic Beryllium	 340 	100(T)
ualifiers: ther:	Aq Life Warm 2 Recreation E	D.O. (mg/L)	WS-III acute 6.5 - 9.0	ws-III chronic 5.0	Arsenic Beryllium Cadmium	 340 TVS	100(T) TVS
ualifiers: ther: emporary M mmonia(ac/a	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0 	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS TVS	100(T) TVS TVS
ualifiers: ther: emporary M mmonia(ac/a	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium III	 340 TVS TVS	100(T) TVS TVS 100(T)
ualifiers: ther: emporary M mmonia(ac/a	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0 ic (mg/L)	WS-III chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS
ualifiers: ther: emporary M mmonia(ac/a	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-III acute 6.5 - 9.0 ic (mg/L) acute	WS-III chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS
ualifiers: her: emporary M	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-III chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 100(T) TVS
ualifiers: :her: emporary M	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-III chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS 1000(T)
ualifiers: ther: emporary M	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-III chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS TVS TVS TVS TVS TVS
ualifiers: ther: emporary M mmonia(ac/e	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-III chronic 5.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS
ualifiers: ther: emporary M mmonia(ac/e	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	ws-III chronic 5.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS 100(T) TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T)
ualifiers: ther: emporary M	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	ws-III chronic 5.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
mmonia(ac/d	Aq Life Warm 2 Recreation E fodification(s): ch) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	ws-III chronic 5.0 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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Tracking number: 2015-00517

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-34

REGULATION NO. 34 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN AND DOLORES RIVER BASINS

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 29, 2016 11:20:41

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-35

Rule title

5 CCR 1002-35 REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35 CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

35.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

35.2 PURPOSE

These regulations establish classifications and numeric standards for the Gunnison River/Lower Dolores River Basins, including all tributaries and standing bodies of water. This includes all or parts of Gunnison, Delta, Montrose, Ouray, Mesa, Saguache and Hinsdale Counties. This also includes the lower Dolores River and its tributaries in Dolores, Montrose, Mesa and San Miguel Counties. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See Regulation No. 31, section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No.31 Basic Standards and Methodologies for Surface Water.

35.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See section 35.6(4)). As additional stream segments are classified and numeric standards for designated parameters are assigned for this drainage system, they will be added to or replace the numeric standards in the tables in section 35.6(4). Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "basic regulations".

35.4 DEFINITIONS

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

35.5 BASIC STANDARDS

(1) TEMPERATURE

All waters of the Gunnison/Lower Dolores River Basins are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident

aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104. C.R.S.

(2) QUALIFIERS

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Tables 35.6(4). The column in the tables at 31.11 and 31.16 Table III headed "Fish Ingestion" is presumptively applied to all aquatic life class 1 streams which do not have a water supply classification, and are applied to aquatic life class 2 streams which do not have a water supply classification, on a case-by-case basis as shown in Tables 35.6(4).

(3) <u>URANIUM</u>

- (a) All waters of the Gunnison/Lower Dolores River Basin, are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 μg/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 ug/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

35.6 TABLES

(1) <u>Introduction</u>

The numeric standards for various parameters in this regulation and in the tables in Appendix 35-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the tables attached to Regulation No. 31. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) <u>Abbreviations</u>:

(a) The following abbreviations are used in this regulation and in the tables in Appendix 35-1:

°C = degrees Celsius ch = Chronic (30-day)

CI = Chloride

CL = cold lake temperature tier

CLL = cold large lake temperature tier

CS-I = cold stream temperature tier one

CS-II = cold stream temperature tier two

D.O. = dissolved oxygen

DM = daily maximum temperature

E. coli = escherichia coli Mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters

sc = sculpin sp = spawning

SSE = site-specific equation T = total recoverable

 $egin{array}{lll} t &=& total \\ tr &=& trout \\ \end{array}$

TVS = table value standard

µg/l = micrograms per liter

UP = use-protected

WAT = weekly average temperature

WS = water supply

WS-II = warm stream temperature tier two
WS-III = warm stream temperature tier three

WL = warm lake temperature tier

(b) In addition, the following abbreviations are used:

Fe(ch) = WS Mn(ch) = WS SO_4 = WS

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(1) existing quality as of January 1, 2000; or

(2) Iron = 300 μ g/l (dissolved) Manganese = 50 μ g/l (dissolved) SO₄ = 250 μ g/l

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

(c) Temporary Modification for Water + Fish Chronic Arsenic Standard

- (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 μ g/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
- (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
- (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 µg/l (Trec), expiring on 12/31/2021.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range.

(3) Table Value Standards

In certain instances in the tables in Appendix 35-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS

(Concentrations in µg/l unless noted)

PARAMETER⁽¹⁾

TABLE VALUE STANDARDS ⁽²⁾⁽³⁾

Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$ pH equal to or greater than 7.0

Chronic= $e^{(1.3695[ln(hardness)]-0.1158)}$ pH less than 7.0

Chronic= $e^{(1.3695[ln(hardness)]-0.1158)}$ or 87, whichever is less

Ammonia (4) Cold Water = (mg/l as N)Total
$$acute = \frac{0.275}{1 + 10^{-7.204} - pH} + \frac{39.0}{1 + 10^{-pH - 7.204}}$$

$$chronic = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \left(2.85, 1.45 * 10^{0.028(25-T)}\right)$$

acute =
$$\frac{0.411}{1+10^{-7.204}-pH} + \frac{58.4}{1+10^{-pH}-7.204}$$

$$chronic \ (Apr1-Aug31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \\ \left(2.85, 1.45*10^{0.028(25-T)}\right) \\ chronic \ (Sep1-Mar31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * 1.45*10^{0.028*(25-MAX(T, 7))}$$

chronic
$$(Sep 1 - Mar 31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) *1.45 *10^{0.028*(25-MAX(T, 7))}$$

Cadmium

Acute = $(1.136672-[ln(hardness) \times (0.041838)]) \times e^{0.9151[ln(hardness)]-3.1485}$

Acute(Trout) = $(1.136672-[ln(hardness)x (0.041838)])x e^{0.9151[ln(hardness)]-3.6236}$

Chronic = $(1.101672-[ln(hardness) x(0.041838)] x e^{0.7998[ln(hardness)]-4.4451]}$

Acute = $e^{(0.819[ln(hardness)]+2.5736)}$ Chromium III⁽⁵⁾

Chronic = $e^{(0.819[ln(hardness)]+0.5340)}$

Chromium VI⁽⁵⁾ Acute = 16

Chronic = 11

Acute = $e^{(0.9422[ln(hardness)]-1.7408)}$ Copper

Chronic = $e^{(0.8545[ln(hardness)]-1.7428)}$

Lead

Acute = $(1.46203-[(ln(hardness)*(0.145712)])*e^{(1.273[ln(hardness)]-1.46)}$

Chronic = $(1.46203-[(ln(hardness)*(0.145712)])*e^{(1.273[ln(hardness)]-4.705)}$

Acute = $e^{(0.3331[ln(hardness)]+6.4676)}$ Manganese

Chronic = $e^{(0.3331 [ln (hardness)]+5.8743)}$

Acute = $e^{(0.846[ln(hardness)]+2.253)}$ Nickel

Chronic = $e^{(0.846[ln(hardness)]+0.0554)}$

_

Selenium⁽⁶⁾ Acute = 18.4

Chronic = 4.6

_

Silver Acute = $\frac{1}{2}e^{(1.72[\ln(\text{hardness})]-6.52)}$

Chronic = $e^{(1.72[ln(hardness)]-9.06)}$

Chronic(Trout) = $e^{(1.72[ln(hardness)]-10.51)}$

Temperature

TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	TEMPERA STANDAR	
				MWAT	DM
Cold Stream Tier 1	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7
Tier 1			Oct. – May	9.0	13.0
Cold Stream	CS-II	all other cold-water species	April – Oct.	18.3	23.9
Tier 2			Nov. – March	9.0	13.0
Cold Lakes	CL	brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2
		rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
Cold Large	CLL	rainbow trout, brown trout, lake trout	April – Dec.	18.3	23.8
Lakes (>100 acres surface area)			Jan. – March	9.0	13.0
Warm Stream	WS-II	brook stickleback, central stoneroller, creek chub,	March – Nov.	27.5	28.6
Tier 2		longnose dace, Northern redbelly dace, finescale dace, razorback sucker, white sucker	Dec. – Feb.	13.8	14.3
Warm Stream	WS-III	all other warm-water species	March – Nov.	28.7	31.8
Tier 3			Dec. – Feb.	14.3	15.9
Warm Lakes	WL	black crappie, bluegill, common carp, gizzard shad,	April – Dec.	26.3	29.5
		golden shiner, largemouth bass, Northern pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, striped bass, tiger muskellunge, walleye, wiper, white bass, white	Jan. – March	13.2	14.8

			crappie, yellow perch			
Uranium	Acute = $e^{(1.1021[ln(ha$	ardness)]+2.708	8)			
	Chronic = e(1.1021[lr	n(hardness)]+2.2	2382)			
_						
Zinc	Acute = 0.978 * e	(0.9094[In(hard	dness)]+0.9095)			
	Chronic = 0.986	* e (0.9094[In(hardness)]+0.6235)			
	be present:		an 102 mg/L CaCO³ and ı	mottled scuplin a	are expected	d to
	Chronic (sculpin)	$= e^{(2.140[ln])}$	(hardness)]-5.084)			

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.
- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 ug/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.

- (7) *E.coli* criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for *E. coli* are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.
- (9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.
- (4) Reserved.
- (5) <u>Stream Classifications and Water Quality Standards Tables</u>

The stream classifications and water quality standards tables in Appendix 35-1 are incorporated herein by reference.

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35.41 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR GUNISON AND LOWER DOLORES RIVER BASINS, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

Overall format changes: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other"

column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

Constraints of the new format: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made

- The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the concentration of total phosphorus. In the old format, individual phosphorus standards were noted as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3

- E. Coli (chronic) Regulation #31, Table 1, footnote 7
- D.O. (chronic) Regulation #31, Table 1, footnote 1
- cyanide (acute) Regulation #31, Table 2
- sulfide (chronic) Regulation #31, Table 2
- nitrate (acute) Regulation #31, Table 2
- nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30-day average standard in permits and assessments.
- chloride (chronic) Regulation #31, Table 2
- boron (chronic) Regulation #31, Table 2
- sulfate (chronic) Regulation #31, Table 2
- The previous format used Footnote 1 instead of Footnote A for the arsenic hybrid standard. The label for the footnote was changed from "1" to "A" but the text of the footnote did not change.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
GUNNISON AND LOWER DOLORES RIVER BASINS

APPENDIX 35-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

1. All tributaries to the Gunnison River, including and wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Fossil Ridge, or Uncompahgre Wilderness Areas COGUUG01 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT chronic acute OW Aq Life Cold 1 Temperature °C CS-I CS-I Aluminum Recreation E acute chronic Arsenic 340 0.02(T)Water Supply D.O. (mg/L) 6.0 Beryllium Qualifiers: D.O. (spawning) 7.0 TVS(tr) TVS Cadmium 6.5 - 9.0 Chromium III TVS Other: 50(T) chlorophyll a (mg/m²) Chromium VI **TVS TVS** Temporary Modification(s): E. Coli (per 100 mL) 126 TVS TVS Copper Arsenic(chronic) = hybrid Iron WS Expiration Date of 12/31/2021 Iron 1000(T) Inorganic (mg/L) Lead TVS **TVS** acute chronic Manganese **TVS** TVS Ammonia **TVS** TVS Manganese WS 0.75 Boron 250 Mercury 0.01(t)Chloride Molybdenum 160(T) Chlorine 0.019 0.011 TVS Cyanide 0.005 Nickel **TVS** TVS TVS Selenium Nitrate 10 0.02 Silver TVS TVS(tr) Nitrite Uranium Phosphorus Zinc TVS TVS Sulfate WS Sulfide 0.002

2. All tributaries and wetlands from North Beaver Creek to Meyers Gulch, from the West Elk Wilderness boundary to their confluences with Blue Mesa Reservoir, Morrow Point Reservoir, or the Gunnison River, excluding Steuben Creek, North Willow Creek, and Soap Creek.

COGUUG02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	` '	E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.02	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

3. Deleted.							
COGUUG03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			
		Il tributaries and wetlands, from the sourc		with the Gu	nnison River except for the		
COGUUG04	Classifications	Physical and			,	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
Ouglifiana	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

CUCHINGUE	A Classifications	Dhysical and	Riological			Metals (un/l)	egment 1.
		Physical and	DM	NAVA T	_	Metals (ug/L)	ohronic
Designation	— ·	T		MWAT	AL	acute	chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
		5.0 (acute	chronic	Arsenic	340	0.02(T)
Ouglifiere	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chro	onic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	ate of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
5b. Mainsten	m of the East River from a poin	It immediately above the Slate River to the	confluence with the	e Gunnison	_I River.		
	B Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT	,	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)					
Qualifiers:		D.O. (119/L)		6.0	Beryllium		
Zuaiilleis:		D.O. (spawning)		7.0	Beryllium	TVS(tr)	TVS
					1	TVS(tr)	
Other:		D.O. (spawning)		7.0	Cadmium Chromium III		TVS
Other: Temporary N	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	6.5 - 9.0	7.0	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T)	TVS TVS TVS TVS
Other: Femporary M Arsenic(chro	* *	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	7.0 126	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L)	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 iic (mg/L) acute TVS	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other: Temporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 iic (mg/L) acute TVS 0.019	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other: Femporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Other: Temporary Marsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
Other: Temporary M Arsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Marganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
Other: Temporary Marsenic(chro	onic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUUG06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.5	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
6b. Cement C	reek and all its tributaries and	d wetlands from the source to a point imm	ediately above the o	confluence w	ith Horse Basin Creek.		
OGUUG06E	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
emporary M	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
emporary M Arsenic(chron	* *	E. Coli (per 100 mL)		126	Iron	TVS 	WS
emporary M Arsenic(chron	ic) = hybrid		 nic (mg/L)	126	Iron Iron		WS 1000(T)
emporary M	ic) = hybrid	Inorgan	nic (mg/L) acute	chronic	Iron Iron Lead	 TVS	WS 1000(T) TVS
emporary M	ic) = hybrid	Inorgan	aic (mg/L) acute TVS	chronic TVS	Iron Iron Lead Manganese	 TVS TVS	WS 1000(T) TVS TVS
emporary M	ic) = hybrid	Inorgan Ammonia Boron	nic (mg/L) acute	chronic TVS 0.75	Iron Iron Lead Manganese Manganese	 TVS TVS	WS 1000(T) TVS TVS WS
emporary M	ic) = hybrid	Ammonia Boron Chloride	aic (mg/L) acute TVS	chronic TVS 0.75 250	Iron Iron Lead Manganese Manganese Mercury	 TVS TVS	WS 1000(T) TVS TVS WS 0.01(t)
emporary M	ic) = hybrid	Ammonia Boron Chloride Chlorine	acute TVS 0.019	chronic TVS 0.75	Iron Iron Lead Manganese Manganese Mercury Molybdenum	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t) 160(T)
emporary M	ic) = hybrid	Ammonia Boron Chloride	aic (mg/L) acute TVS	chronic TVS 0.75 250	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
emporary M Arsenic(chron	ic) = hybrid	Ammonia Boron Chloride Chlorine	acute TVS 0.019	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Temporary M Arsenic(chron	ic) = hybrid	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Temporary M Arsenic(chron	ic) = hybrid	Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
emporary M Arsenic(chron	ic) = hybrid	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

	Creek, including all tributaries a				The second second second		zi.
	C Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation	- ·		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
7. Mainstem	of the Slate River from its sour	ce to a point immediately above the confl	uence with Coal Cr		<u> </u>		
COGUUG07	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
201011		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		(Iron		WS
					_		1000(T)
		Inorgan	ic (ma/L)		Hron		
		Inorgar	nic (mg/L)	chronic	Iron	TVS	
		, and the second	acute	chronic	Lead	TVS	TVS
		Ammonia	acute TVS	TVS	Lead Manganese	TVS TVS	TVS TVS
		Ammonia Boron	acute TVS	TVS 0.75	Lead Manganese Manganese	TVS TVS 	TVS TVS WS
		Ammonia Boron Chloride	acute TVS	TVS 0.75 250	Lead Manganese Manganese Mercury	TVS TVS 	TVS TVS WS 0.01(t)
		Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum	TVS TVS 	TVS TVS WS 0.01(t) 160(T)
		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUUG08	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture	i nysicai anu	DM	MWAT	 	acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		CITIOTIC
cvicvabic	Recreation E	remperature C	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	340	0.02(1)
ualifiers:	т	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	lodification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
rsenic(chroni	· ·	[2. 66. (ps. 2662)			Iron		WS
xpiration Dat	te of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
		lilorgan	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Ammonia Boron	172	0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.019	0.011	Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.05	Uranium		1.0(0)
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Ziiio	173	173
λ ΔII tributari	es and wetlands to the Slate F	River except for specific listings in Segmen					
	es and wellands to the Slate i	Tiver except for specific listings in segmen	113 1, 100, 100, 11,	IZ and IJ.			
OGUUG09	Classifications	Physical and	Biological			Metals (ug/L)	
	Classifications Agriculture	Physical and		MWAT		Metals (ug/L)	chronic
esignation	Agriculture		DM	MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
esignation		Physical and Temperature °C		MWAT CS-I chronic	Aluminum Arsenic	acute	
esignation	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Arsenic	acute	chronic 0.02(T)
esignation eviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic	-	acute 340 	 0.02(T)
esignation eviewable gualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	acute 340 TVS(tr)	0.02(T) TVS
esignation eviewable ualifiers:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 	0.02(T)
esignation eviewable ualifiers: tther:	Agriculture Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T)	0.02(T) TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
pesignation deviewable dualifiers: other: emporary Marsenic(chronic	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
pesignation deviewable dualifiers: other: emporary Marsenic(chronic	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS 1000(T) TVS TVS VS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 210(T)
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t) 210(T)
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 210(T) TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 210(T) TVS TVS TVS
esignation eviewable eualifiers: ether: emporary M rsenic(chroni	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 210(T) TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

		the boundary of the Raggeds Wilderness			1		
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	6.6
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate			i		
		Sulfide		0.002			
10b. All tributa	aries, including wetlands, to F	Redwell Creek.					
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
					Cohhei		
		Inorgan	ic (mg/L)		Iron		1000(T)
		Inorgan	ic (mg/L)	chronic			1000(T) 407
			acute	chronic TVS	Iron Lead	TVS	407
		Ammonia	acute TVS	TVS	Iron Lead Manganese		407 TVS
		Ammonia Boron	acute TVS	TVS 0.75	Iron Lead Manganese Mercury	TVS TVS	407 TVS 0.01(t)
		Ammonia Boron Chloride	acute TVS 	TVS 0.75	Iron Lead Manganese Mercury Molybdenum	TVS TVS	407 TVS 0.01(t) 160(T)
		Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS	407 TVS 0.01(t) 160(T) TVS
		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS	407 TVS 0.01(t) 160(T) TVS TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005 100	TVS 0.75 0.011 	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS	407 TVS 0.01(t) 160(T) TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 100	TVS 0.75 0.011 0.05	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS	407 TVS 0.01(t) 160(T) TVS TVS TVS TVS(tr)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 100	TVS 0.75 0.011 0.05	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS	407 TVS 0.01(t) 160(T) TVS TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 100	TVS 0.75 0.011 0.05	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS	407 TVS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

11. Mainstem of Coal Creek from a point immediately above the confluence with Elk Creek to a point immediately below the Crested Butte Water Supply intake which is above the confluence with the Mount Emmons/Red Lady Basin drainage; and Elk Creek and its tributaries and wetlands from its source to its confluence with Coal Creek.

COGUUG11	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		210(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

12. Mainstem of Coal Creek, including all tributaries and wetlands from a point immediately below the Crested Butte Water Supply intake which is above the confluence with the Mount Emmons/Red Lady Basin drainage to the confluence with the Slate River, with the exception of Wildcat Creek.

COGUUG12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	()	E. Coli (per 100 mL)		126	Copper	TVS	TVS
`	te of 12/31/2021				Iron		WS
Cadmium(chr		Inorgan	ic (mg/L)		Iron		1000(T)
Copper(chron	ic) = current conditions		acute	chronic	Lead	TVS	TVS
Zinc(chronic)	= 440	Ammonia	TVS	TVS	Manganese	TVS	191
Expiration Dat	te of 6/30/2016	Boron		0.75	Manganese		TVS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COCULICAS	Classifications	Dharata da e d	Dielogies!			Motolo (u.:."	
COGUUG13	Classifications	Physical and				Metals (ug/L)	
Designation	⊣ ~		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Nater + Fish	Standards	pH	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
emporary M	Modification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Arsenic(chror	nic) = hybrid				Iron		WS
Expiration Da	ate of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
I4 Mainstem	of the Gunnison River from its	s inception at the confluence of the East a	and Taylor rivers to		lue Mesa Reservoir		
COGUUG14		Physical and		the linet of E	Nac Wesa Reservoir.	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	, , , , , , , , , , , , , , , , , , ,	acute	chronic	Arsenic	340	0.02(T)
							(-)
	Water Supply	D.O. (mg/L)		6.0	Bervllium		
)ualifiers:	Water Supply	D.O. (mg/L)		6.0 7.0	Beryllium		
	Water Supply	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	Water Supply	D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS TVS
Qualifiers: Other: -emporary M	Water Supply Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T)	TVS TVS TVS TVS
other: emporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	7.0 	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L)	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L) acute TVS	7.0 126 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L)	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
emporary M	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
other: emporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	7.0 126 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary M Arsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 sic (mg/L) acute TVS 0.019	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other: Temporary M Arsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
other: emporary Marsenic(chror	Modification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	7.0 126 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

	Classifications	ngs in Segments 1, 15b, 16a, 16b, 17 through				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1800(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
.5b. South Be	eaver Creek, including all tribu	utaries and wetlands, from the source to the	e Saguache/Gunni	son County I	ine.		
OGUUG15E	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
					la		
other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
ther:		pH chlorophyll a (mg/m²)	6.5 - 9.0		Chromium III Chromium VI	50(T) TVS	TVS TVS
other:							
other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS TVS WS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL)			Chromium VI Copper	TVS TVS	TVS TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL)			Chromium VI Copper Iron	TVS TVS 	TVS TVS WS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L)	126	Chromium VI Copper Iron Iron	TVS TVS 	TVS TVS WS 1000(T) TVS TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ic (mg/L)	126	Chromium VI Copper Iron Iron Lead	TVS TVS TVS	TVS TVS WS 1000(T) TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ic (mg/L) acute TVS	126 chronic TVS	Chromium VI Copper Iron Iron Lead Manganese	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
other:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS	TVS
ther:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Other:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Other:		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

	Classifications	rce to a point immediately below 7						
	Classifications	Pnysica	al and Biologi		NAVA A T	-	Metals (ug/L)	
	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation U Water Supply	D.O. (***#)		acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	water Supply	D.O. (mg/L)			6.0	Beryllium		
		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			100	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)			126	Copper	TVS	TVS
						Iron		WS
		<u>In</u>	organic (mg/L	-		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus				Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
16b. Mainsten	m of Ohio Creek from a point i	mmediately below 7 Road to the co	nfluence with t	the Gunniso	n River.			
COGUUG16B	Classifications	Physica	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/16 - 4/15	13	9	Aluminum		
	Recreation U	Temperature °C	4/16 - 11/15	21.7	17	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
		рН		6.5 - 9.0		Copper	TVS	TVS
		pH chlorophyll a (mg/m²)		6.5 - 9.0		Copper		TVS WS
							TVS	
		chlorophyll a (mg/m²)				Iron	TVS 	WS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)	organic (mg/L			Iron Iron	TVS 	WS 1000(T)
		chlorophyll a (mg/m²) E. Coli (per 100 mL)	organic (mg/L			Iron Iron Lead	TVS TVS	WS 1000(T) TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)	organic (mg/L	 	126	Iron Iron Lead Manganese	TVS TVS TVS	WS 1000(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)	organic (mg/L	 _) acute	126 chronic	Iron Iron Lead Manganese Manganese	TVS TVS TVS	WS 1000(T) TVS TVS WS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia	organic (mg/L	 acute	126 chronic TVS	Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride	organic (mg/L	 acute TVS	126 chronic TVS 0.75 250	Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	organic (mg/L	 acute TVS 	chronic TVS 0.75	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	organic (mg/L	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	organic (mg/L	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	organic (mg/L	0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	organic (mg/L	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGOOGI//	A Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	·	acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		3	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
17b. Mainste	em of Antelope Creek, includin	g all tributaries and wetlands, from the sou	irce to the confluen	ce with the G	Gunnison River, excluding	the listings in Segmen	t 17a.
OGUUG17I	B Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1						
	Aq Life Cold I	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation U	Temperature °C	CS-II acute	CS-II chronic	Aluminum Arsenic	 340	 0.02(T)
	·	D.O. (mg/L)					0.02(T)
	Recreation U		acute	chronic	Arsenic	340	
)ualifiers:	Recreation U	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Beryllium	340	
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	TVS
)ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	TVS
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	TVS TVS TVS
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS
)ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS TVS TVS
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
)ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 1001(t) TVS TVS
)ualifiers:	Recreation U	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

18a. Mainste			Diologica!			Motolo (u=# \	
	A Classifications	Physical and				Metals (ug/L)	
Designation	⊣ ັ		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chror	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	ate of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
18h Mainste	m of Tomichi Creek and its we	etlands from the confluence with Porphyry			e Gunnison River		
	3 Classifications	Physical and		CHCC WITH THE	C Guillison River.	Metals (ug/L)	
Designation		1 11/01001 11/11	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation U	Temperature 0	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (mg/m²)	0.5 - 9.0		Chromium VI	50(1) TVS	TVS
emporary M	Modification(s):	E. Coli (per 100 mL)		126		TVS	TVS
Arsenic(chror	nic) = hybrid	E. Con (per 100 mz)		120	Copper	173	
	ate of 12/31/2021				Iron		WS
•		_			Iron		1000(T)
•		Inorgan	ic (mg/L)			-	
•			acute	chronic	Lead	TVS	TVS
•		Ammonia	acute TVS	TVS	Lead Manganese	TVS	TVS
,		Ammonia Boron	acute	TVS 0.75	Lead Manganese Manganese	TVS 	TVS WS
•		Ammonia	acute TVS	TVS	Lead Manganese Manganese Mercury	TVS 	TVS WS 0.01(t)
•		Ammonia Boron	acute TVS	TVS 0.75	Lead Manganese Manganese Mercury Molybdenum	TVS	TVS WS 0.01(t) 160(T)
,		Ammonia Boron Chloride	acute TVS	TVS 0.75 250	Lead Manganese Manganese Mercury	TVS 	TVS WS 0.01(t)
•		Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum	TVS	TVS WS 0.01(t) 160(T)
•		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	TVS WS 0.01(t) 160(T) TVS
•		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011 	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS
•		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUUG19	Classifications		Physical and	Biological			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U			acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)		6.0	Beryllium		
Qualifiers:			D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:			pН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	• •		E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	te of 12/31/2021					Iron		WS
zapa.ion za			Inorgar	ic (mg/L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
			Ammonia	TVS	TVS	Manganese	TVS	TVS
			Boron		0.75	Manganese		WS
			Chloride		250	Mercury		0.01(t)
			Chlorine	0.019	0.011	Molybdenum		160(T)
			Cyanide	0.005		Nickel	TVS	TVS
			Nitrate	10		Selenium	TVS	TVS
			Nitrite		0.05	Silver	TVS	TVS(tr)
			Phosphorus			Uranium		
			Sulfate		WS	Zinc	TVS	TVS
			Sulfide		0.002			
20. Mainstem	of Indian Creek, including a	all tributaries	Sulfide s, from the source to the conflue					
	of Indian Creek, including a	all tributaries		nce with Marshall C			Metals (ug/L)	
COGUUG20		all tributaries	I s, from the source to the conflue	nce with Marshall C			Metals (ug/L)	chronic
COGUUG20 Designation	Classifications	all tributaries	I s, from the source to the conflue	nce with Marshall C	Creek.	Aluminum		chronic
COGUUG20 Designation	Classifications Agriculture	all tributaries	s, from the source to the conflue Physical and	nce with Marshall C Biological DM	MWAT	Aluminum Arsenic		chronic 7.6(T)
COGUUG20 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	tll tributaries	s, from the source to the conflue Physical and	nce with Marshall C Biological DM CS-I	MWAT CS-I		acute 	
COGUUG20 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	ull tributaries	Physical and Temperature °C	nce with Marshall C Biological DM CS-I acute	MWAT CS-I chronic	Arsenic	acute 	
COGUUG20 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	all tributaries	remperature °C D.O. (mg/L)	nce with Marshall C Biological DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Beryllium	acute 340 	7.6(T)
COGUUG20 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	all tributaries	Temperature °C D.O. (mg/L) D.O. (spawning) pH	nce with Marshall C Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	7.6(T) TVS
COGUUG20 Designation Reviewable Qualifiers: Other: Temporary M Jranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Indidification(s): nic) = 1349	6/1 - 7/31	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS
COGUUG20 Designation Reviewable Qualifiers: Other: Temporary M Dranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E dodification(s): nic) = 1349 nic) = 1080	6/1 - 7/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
COGUUG20 Designation Reviewable Qualifiers: Other: Temporary M Jranium(chro Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E dodification(s): nic) = 1349 nic) = 1080 e) = 1515*	6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
COGUUG20 Designation Reviewable Qualifiers: Other: Temporary M Jranium(chro Jranium(acut Jranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E dodification(s): nic) = 1349 nic) = 1080 e) = 1515*	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Chopper	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
COGUUG20 Designation Reviewable Qualifiers: Dther: Temporary M Jranium(chro Jranium(acut Jranium(acut Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E dodification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 bic (mg/L)	MWAT CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers: Designation Qualifiers: Designatio	Classifications Agriculture Aq Life Cold 1 Recreation E dodification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 tte) = lowest practical level	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 cic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS TVS
Designation Reviewable Dualifiers: Designation Reviewable Dualifiers: Designation Designat	Classifications Agriculture Aq Life Cold 1 Recreation E dodification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 dete) = lowest practical level onic) = lowest practical level	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Designation Design	Classifications Agriculture Aq Life Cold 1 Recreation E Iodification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 ate) = lowest practical level onic) = lowest practical level	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS 0.01(t)
COGUUG20 Designation Reviewable Qualifiers: Dther: Temporary M Jranium(chro Jranium(acut Dranium(acut Expiration Dar Uranium(acut Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Modification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 ate) = lowest practical level onic) = lowest practical level laranium(6/1 - 7/31) = samplir 9, -106.308190 WGS84) branium(8/1 - 5/31) = samplir 9, ranium(8/1 - 5/31) = samplir	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t)
COGUUG20 Designation Reviewable Qualifiers: Description Description Dranium(chro Dranium(acuto Drani	Classifications Agriculture Aq Life Cold 1 Recreation E Iodification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 ate) = lowest practical level onic) = lowest practical level	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 cic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS
COGUUG20 Designation Reviewable Qualifiers: Dther: Temporary M Jranium(chro Jranium(acut Tranium(acut Expiration Dar Uranium(acut Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Signation Dar Uranium(chro Company Uranium(chro Company Uranium(chro Company Compan	Classifications Agriculture Aq Life Cold 1 Recreation E Modification(s): nic) = 1349 nic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 ate) = lowest practical level onic) = lowest practical level laranium(6/1 - 7/31) = samplir 9, -106.308190 WGS84) branium(8/1 - 5/31) = samplir 9, ranium(8/1 - 5/31) = samplir	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
COGUUG20 Designation Reviewable Qualifiers: Dther: Temporary M Uranium(chro Uranium(acut Expiration Dai Uranium(acut Expiration Dai Uranium(bro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Modification(s): mic) = 1349 mic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 wite) = lowest practical level onic) = lowest practical level laranium(6/1 - 7/31) = samplir 9, -106.308190 WGS84) branium(8/1 - 5/31) = samplir 9, ranium(8/1 - 5/31) = samplir	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
COGUUG20 Designation Reviewable Qualifiers: Dther: Temporary M Uranium(chro Uranium(acut Expiration Dai Uranium(acut Expiration Dai Uranium(bro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro Uranium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Modification(s): mic) = 1349 mic) = 1080 e) = 1515* e) = 1144* te of 6/30/2015 wite) = lowest practical level onic) = lowest practical level laranium(6/1 - 7/31) = samplir 9, -106.308190 WGS84) branium(8/1 - 5/31) = samplir 9, ranium(8/1 - 5/31) = samplir	6/1 - 7/31 8/1 - 5/31 6/1 - 7/31 8/1 - 5/31	physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nce with Marshall C Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 100	Creek. MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

21. Mainstem	or warshair creek, including a				in Groom, Groope for open		20.
COGUUG21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
22 Mainstem	of Gold Creek from Browns G	fulch to the confluence with Quartz Creek	<u> </u>				
COGUUG22	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Decreation F	•			Additional		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	acute		-		0.02(T)
Qualifiers:		D.O. (mg/L) D.O. (spawning)		chronic	Arsenic	340	
				chronic 6.0	Arsenic Beryllium	340 TVS(tr)	
Other:	Water Supply	D.O. (spawning) pH		6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	TVS
Other: Temporary M	Water Supply Iodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	TVS TVS TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH	 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T)	TVS TVS TVS TVS
Other: Temporary M Arsenic(chron	Water Supply Iodification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 nic (mg/L)	chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 aic (mg/L) acute TVS	chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS
Other: Temporary M Arsenic(chron	Mater Supply Modification(s): hic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUUG23	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002]		
24. Mainsten	of Cochetopa Creek from a p	point immediately below the confluence wi	th West Pass Cree	k to the confl	uence with Tomichi Cree	k.	
OGUUG24	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
			10		Selenium	TVS	TVS
		Nitrate	10				
		Nitrate Nitrite		0.05	Silver	TVS	TVS(tr)
				0.05	Silver Uranium	TVS 	TVS(tr)
		Nitrite			+		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

25. The segm							
COGUUG25	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
		nts of the Gunnison River that interconnec	ct those reservoirs, v				
	Classifications		t those reservoirs, v	with the exce		9a, 29b, and 30 through Metals (ug/L)	1 32.
Designation	Classifications Agriculture	nts of the Gunnison River that interconnect Physical and	ct those reservoirs, v Biological	with the exce	ption of Segments 1,2, 29	9a, 29b, and 30 through	
Designation	Classifications Agriculture Aq Life Cold 1	nts of the Gunnison River that interconnec	t those reservoirs, v Biological DM CS-I	MWAT CS-I	ption of Segments 1,2, 29	9a, 29b, and 30 through Metals (ug/L) acute	chronic
Designation	Classifications Agriculture Aq Life Cold 1 Recreation U	Temperature °C	ct those reservoirs, v Biological DM CS-I acute	MWAT CS-I chronic	ption of Segments 1,2, 29 Aluminum Arsenic	9a, 29b, and 30 through Metals (ug/L) acute 340	1 32.
Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	t those reservoirs, v Biological DM CS-I acute	MWAT CS-I chronic 6.0	ption of Segments 1,2, 29 Aluminum Arsenic Beryllium	9a, 29b, and 30 through Metals (ug/L) acute 340	chronic 0.02(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation U	Temperature °C D.O. (mg/L) D.O. (spawning)	ct those reservoirs, v Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation U	Temperature °C D.O. (mg/L) D.O. (spawning) pH	those reservoirs, value of those reservoirs, value of the servoirs, the servoir of the servoir o	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation U	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	t those reservoirs, v Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	those reservoirs, value of those reservoirs, value of the servoirs, the servoir of the servoir o	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	t those reservoirs, value of the servoirs, the servoir of the ser	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	t those reservoirs, v Biological DM CS-I acute 6.5 - 9.0 nic (mg/L)	with the exce MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar	t those reservoirs, v Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute	with the exce MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS VS USS 1000(T) TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia	those reservoirs, value of those reservoirs, value of those reservoirs, value of the content of	with the exce MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	those reservoirs, value of those reservoirs, value of those reservoirs, value of the servoirs, the servoir of the servoir	with the exce MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS TVS WS 1000(T) TVS WS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	those reservoirs, value of those reservoirs, value of those reservoirs, value of the servoirs, the servoir of the servoir	with the exce MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	t those reservoirs, v Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	with the exce MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	those reservoirs, value of those reservoirs, value of those reservoirs, value of the content of	with the exce MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	t those reservoirs, v Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	with the exce MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	those reservoirs, varieties and those reservoirs, varieties and the servoirs, d the servoir an	with the exce MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	those reservoirs, varieties of those reservoirs, varieties of the servoirs, the servoir of the	with the exce MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS VS 1000(T) TVS VS TVS VS TVS VS TVS TVS TVS TVS TV
Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation U Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	those reservoirs, varieties and those reservoirs, varieties and the servoirs, d the servoir an	with the exce MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	9a, 29b, and 30 through Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

Classifications	Physical and Biological		Metals (ug	g/L)	
	DM	MWAT		acute	chronic
_					
	acute	chronic			
	Inorganic (mg/L)				
	acute	chronic			
Classifications	Physical and Biological		Metals (ug	g/L)	
	DM	MWAT		acute	chronic
	acute	chronic			
	Inorganic (mg/L)				
	acute	chronic			
	Classifications	Inorganic (mg/L) Classifications Physical and Biological DM acute Inorganic (mg/L)	DM MWAT	DM MWAT	DM MWAT acute acute chronic Inorganic (mg/L) acute chronic Classifications Physical and Biological DM MWAT acute acute Inorganic (mg/L)

sc = sculpin

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

See 25.6 for details on TVS. TVS(tr), TVS(cs), VS

29a. Mainstem of the Lake Fork of the Gunnison including all tributaries and wetlands, from the source to a point immediately above the confluence with Eaton Creek, except for the specific listing in Segments 1, 9b, 29b, 30, 31 and 32. Cebolla Creek, including all tributaries and wetlands, from the source to the Hinsdale/Gunnison County line. Powderhorn Creek, including all tributaries and wetlands, from the source to the confluence with Cebolla Creek.

COGUUG29A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
· '	te of 12/31/2021				Iron		WS
, '		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

29b. Mainstem of the Lake Fork of the Gunnison, including all tributaries and wetlands, from a point immediately above the confluence with Eaton Creek, to Blue Mesa Reservoir. Cebolla Creek, including all tributaries and wetlands, from the Hinsdale/Gunnison County line, to Blue Mesa Reservoir, excluding the listings in Segment 29a.

COGUUG29B	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mọ	j/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002]		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COGUUG30	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary N	Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
rsenic(chror	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	ate of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002]		
1. Mainster	n of Palmetto Gulch Creek incl	luding all tributaries.					
OGUUG31	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT			chronic
n			DIVI	WWAI		acute	chronic
IP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	acute	
r 	Aq Life Cold 2 Recreation E	Temperature °C			Aluminum Arsenic	acute 340	 100(T)
	·	D.O. (mg/L)	CS-I	CS-I	-		
ualifiers:	·	·	CS-I acute	CS-I chronic	Arsenic	340	 100(T)
Qualifiers:	·	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	 100(T)
)ualifiers:	·	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS	100(T) TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS TVS	100(T) TVS TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	 340 TVS TVS	100(T) TVS TVS 100(T)
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T)
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	340 TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 0.01(t)
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS 100(T) TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
ualifiers:	·	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

32. North Forl	k of Henson Creek including all trib	utaries and wetlands, from its source	e to the confluence	with Henson	Creek, except for specif	ic listings in Segment 1.	
COGUUG32	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
COGUUG33	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E Water Supply	D.O. (/1)	acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	water Suppry	D.O. (mg/L)		6.0	Beryllium		
-		D.O. (spawning)	65.00	7.0	Cadmium	TVS(tr)	TVS
Other:		•	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		126	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron	TVS	1000(T)
		A	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	172	
		I B		0	Manganasa		14/0
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chloride Chlorine	0.019	250 0.011	Mercury Molybdenum		0.01(t) 160(T)
		Chloride Chlorine Cyanide	0.019 0.005	250 0.011 	Mercury Molybdenum Nickel	 TVS	0.01(t) 160(T) TVS
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 10	250 0.011 	Mercury Molybdenum Nickel Selenium	 TVS TVS	0.01(t) 160(T) TVS TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	250 0.011 0.02	Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	0.01(t) 160(T) TVS TVS TVS(tr)
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 	250 0.011 0.02	Mercury Molybdenum Nickel Selenium Silver Uranium	 TVS TVS TVS	0.01(t) 160(T) TVS TVS TVS(tr)
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	250 0.011 0.02	Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

34. All lakes and reservoirs tributary to the Taylor River and the East River, from their sources to their confluence at the inception of the Gunnison River, excluding the listings in Segments 33, 35 and 37. This segment includes Meridian Lake, Nicholson Lake, Peanut Lake, Lake Grant, Lily Pond, Pothole Reservoirs 1 and 2, Texas Lake, Mirror Lake, and Spring Creek Reservoir.

Spring Creek	01	Bl	Brata de la contraction de la			54-1-1- (- /L \)	
COGUUG34	Classifications	Physical and			,	Metals (ug/L)	
_	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E	5.0 (*** ")	acute	chronic	Arsenic	340	0.02(T)
Ouglifiana	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
35. All lakes a	and reservoirs tributary to Red	lwell Creek.			ļ.		
COGUUG35	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		.31					
		pH	6.5 - 9.0		Chromium III		TVS
		рн chlorophyll a (mg/m²)	6.5 - 9.0		Chromium III Chromium III		
						 TVS	TVS 100(T) TVS
		chlorophyll a (mg/m²)			Chromium III Chromium VI	TVS	100(T) TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)			Chromium III Chromium VI Copper		100(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L)	126	Chromium III Chromium VI Copper Iron	TVS TVS 	100(T) TVS TVS 1000(T)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ic (mg/L)	126	Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS	100(T) TVS TVS 1000(T) 8
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ic (mg/L) acute TVS	126 chronic TVS	Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ic (mg/L) acute TVS	126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 0.011	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T) TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T) TVS TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T) TVS TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T) TVS TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05	Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 1000(T) 8 TVS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

36. All lakes and reservoirs tributary to Gunnison River from its inception at the confluence of the Taylor and East Rivers, to the inlet of Blue Mesa Reservoir, excluding the listings in Segment 33. This segment includes Kenny Moore Reservoir, Hot Springs Reservoir, Needle Creek Reservoir, Vouga Reservoir, Moss Lake, Dome Lakes, and McDonough Reservoirs 1 and 2.

COGUUG36	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

37. All lakes and reservoirs tributary to Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect them, excluding the listings in Segments 33 and 37. This segment includes Fish Creek Reservoirs 1 and 2, Hampton Lake, High Park Lake, Watson Lake, Butte Lake, Swanson Lake, Fitzpatrick Lake, Dry Lake, Devils Lake, Powderhorn Lakes, Soderquist Reservoir, Rainbow Lake, Cataract Lake, Castle Lakes, Crystal Lake, and Waterdog Lake.

COGUUG37	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

38. Lake San	Cristobal, Taylor Park Reservoir, Blue	e Mesa Reservoir, Morrow Point Reser	voir, Crystal R	eservoir, and	Silver Jack Reservoir.		
COGUUG38	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	ıg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COGUNF01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
·		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Cultido			1 .		
		Sulfide		0.002	Zinc		TVS(sc)
. Mainstem of North Fork of the Gunnison							
	of North Fork of the Gunnison		of Muddy Creek ar				
OGUNF02		River from its inception at the confluence	of Muddy Creek ar			75 Drive) above Paoni	
COGUNF02 Designation	Classifications	River from its inception at the confluence	of Muddy Creek an	d Coal Cree		75 Drive) above Paoni Metals (ug/L)	a.
COGUNF02 Designation	Classifications Agriculture	River from its inception at the confluence Physical and	of Muddy Creek ar Biological DM	d Coal Cree	k to the Black Bridge (41.	75 Drive) above Paoni Metals (ug/L) acute	chronic
COGUNF02 Designation	Classifications Agriculture Aq Life Cold 1	River from its inception at the confluence Physical and	of Muddy Creek an Biological DM CS-II	MWAT CS-II	k to the Black Bridge (41.	75 Drive) above Paoni Metals (ug/L) acute	chronic
COGUNF02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	River from its inception at the confluence Physical and Temperature °C	of Muddy Creek an Biological DM CS-II acute	MWAT CS-II chronic	k to the Black Bridge (41. Aluminum Arsenic	75 Drive) above Paoni Metals (ug/L) acute	chronic 0.02(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	River from its inception at the confluence Physical and Temperature °C D.O. (mg/L)	of Muddy Creek an Biological DM CS-II acute	MWAT CS-II chronic 6.0	k to the Black Bridge (41. Aluminum Arsenic Beryllium	75 Drive) above Paoni. Metals (ug/L) acute 340	chronic 0.02(T)
COGUNF02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	of Muddy Creek an Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium	75 Drive) above Paoni Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	of Muddy Creek an Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III	75 Drive) above Paoni Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	of Muddy Creek an Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI	75 Drive) above Paoni Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	of Muddy Creek an Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	of Muddy Creek an Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	75 Drive) above Paoni Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS VS US 1000(T)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	of Muddy Creek an Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	75 Drive) above Paonii Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS S TVS USS 1000(T) TVS TVS WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	of Muddy Creek an Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	75 Drive) above Paoni Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	a. chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
COGUNF02 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	River from its inception at the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	a. chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGUNF02 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	River from its inception at the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	a. chronic 0.02(T) TVS
COGUNF02 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): aic) = hybrid	River from its inception at the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	of Muddy Creek ar Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	k to the Black Bridge (41. Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	75 Drive) above Paoni. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	a. chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUNF03	Classifications		Physic	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	4/1 - 9/30			acute	chronic	Arsenic	340	0.02(T)
	Recreation P	10/1 - 3/31	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	4/1 - 9/30		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	10/1 - 3/31		205	Iron		WS
			ı	norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus				Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			

^{4.} Muddy Creek, including all tributaries and wetlands, from the source to the confluence with Coal Creek. Coal Creek, including all tributaries and wetlands, from the source to the confluence with Muddy Creek, All tributaries to the North Fork of the Gunnison from its inception at the confluence of Muddy Creek and Coal Creek to the confluence with the Gunnison River within national forest boundaries, except for the specific listing in Segment 1.

COGUNF04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Indification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	, , ,				Iron		WS
	nporary Modification(s): enic(chronic) = hybrid iration Date of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COGUNF05A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		205	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide			Zino		T) (C()
		Sullide		0.002	Zinc		TVS(sc)
b Mainstem	of Roatcap Creek, including a	all tributaries and wetlands, from the source					1 VS(SC)
	of Roatcap Creek, including a		e to the confluence			Metals (ug/L)	TVS(SC)
OGUNF05B		all tributaries and wetlands, from the source	e to the confluence				chronic
OGUNF05B Designation	Classifications	all tributaries and wetlands, from the source	e to the confluence Biological	with the Nor		Metals (ug/L)	
OGUNF05B esignation	Classifications Agriculture	all tributaries and wetlands, from the source Physical and	e to the confluence Biological DM	with the Nor	th Fork of the Gunnison.	Metals (ug/L)	
OGUNF05B Designation	Classifications Agriculture Aq Life Cold 1	all tributaries and wetlands, from the source Physical and	e to the confluence Biological DM CS-II	with the Nor	th Fork of the Gunnison.	Metals (ug/L) acute	chronic
esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation P	all tributaries and wetlands, from the source Physical and Temperature °C	e to the confluence Biological DM CS-II acute	with the Nor MWAT CS-II chronic	th Fork of the Gunnison. Aluminum Arsenic	Metals (ug/L) acute	chronic 0.02(T)
COGUNF05B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Temperature °C D.O. (mg/L)	e to the confluence Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COGUNF05B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	e to the confluence Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	th Fork of the Gunnison. Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
cogunfo5B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH	e to the confluence Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COGUNF05B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	e to the confluence Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COGUNF05B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	e to the confluence Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
cogunfo5B Designation Reviewable Dualifiers: Other: Demporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	e to the confluence Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
esignation deviewable dualifiers: other: emporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	with the Nor MWAT CS-II chronic 6.0 7.0 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS WS 1000(T)
cogunfo5B Designation Reviewable Dualifiers: Other: Demporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	with the Nor MWAT CS-II chronic 6.0 7.0 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS	chronic 0.02(T) TVS TVS TVS VS TVS TVS TVS TVS
esignation deviewable dualifiers: other: emporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	e to the confluence Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
COGUNF05B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
COGUNF05B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
cogunfo5B Designation Reviewable Dualifiers: Other: Demporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGUNF05B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	e to the confluence Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COGUNF05B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation P Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	e to the confluence Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	with the Nor MWAT CS-II chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

6a. All tributaries, including wetlands, to the North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Coal Creek to the confluence with the Gunnison River, and not within national forest boundaries, except for the specific listings in Segments 5a, 5b, and 6b.

COGUNF06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

6b. Mainstem and all tributaries to Bear Creek and Stevens Gulch. All tributaries, including wetlands, to the North Fork of the Gunnison River that are north of the North Fork of the Gunnison River, from a point immediately above the confluence with Roatcap Creek to the confluence with the Gunnison River, and are not within national forest boundaries; all tributaries, including wetlands, to the North Fork of the Gunnison River that are south of the North Fork of the Gunnison River, from a point immediately above the confluence with Minnesota Creek to the confluence with the Gunnison River, and are not within national forest boundaries, excluding the specific listings in Segments 5a and 5b.

COGUNF06B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water+Fish S	tandards	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Other:		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
Temporary Mo	odification(s):	Inorgan	ic (mg/L)		Copper	TVS	TVS
Arsenic(chroni	` '		acute	chronic	Iron		WS
,	e of 12/31/2021	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		į			Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COGUNF07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
8. All lakes a	nd reservoirs that are tributary to	the North Fork of the Gunnison River a	and within the West	Elk or Ragge	eds Wilderness areas.		
COGUNF08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agricultura		DM				
NA/	Agriculture		DIVI	MWAT		acute	chronic
JVV	Aq Life Cold 1	Temperature °C	CL	MWAT CL	Aluminum	acute 	chronic
JVV	⊣ ~	Temperature °C			Aluminum Arsenic		
JVV	Aq Life Cold 1	Temperature °C D.O. (mg/L)	CL	CL			
	Aq Life Cold 1 Recreation E	·	CL acute	CL chronic	Arsenic	340	
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CL acute	CL chronic 6.0	Arsenic Beryllium	 340 	0.02(T)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CL acute 	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	 0.02(T) TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CL acute 6.5 - 9.0 ic (mg/L)	CL chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
)ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CL acute 6.5 - 9.0 ic (mg/L) acute	CL chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
)ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

9. All lakes and reservoirs tributary to Muddy Creek, Paonia Reservoir, or Coal Creek. All lakes and reservoirs tributary to the North Fork of the Gunnison River from its inception at the confluence with Muddy Creek and Coal Creek to the confluence with the Gunnison River, and within national forest boundaries, excluding the specific listing in Segments 7 and 8. This segment includes Island Lake, Aspen Leaf Reservoir, Floating Lake, Tomahawk Reservoir, Dollar Lake, Lost Lake, Lost Lake Slough, Terror Creek Reservoir, Minnesota Reservoir, Beaver Reservoir, Lone Cabin Reservoir, Todd Reservoir, Holy Terror Reservoir (aka Eagle River Reservoir), Goodenough Reservoir, Dogfish Reservoir, Hilltop Reservoir, Willow Reservoir, Doughty Reservoir, Reynolds Reservoir, Hanson Reservoir, Bailey Reservoir, Owens Reservoir, Gray Reservoir, and Patterson Reservoirs.

COGUNF09	Classifications	Physical and Biological		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

10. All lakes and reservoirs tributary to Roatcap Creek and Jay Creek from their sources to their confluences with the North Fork of the Gunnison River. All lakes and reservoirs tributary to Hubbard Creek, Terror Creek, Minnesota Creek, or Leroux Creek, and are not within national forest boundaries.

COGUNF10	Classifications	Physical and	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum			
	Recreation P		acute	chronic	Arsenic	340	0.02(T)	
	Water Supply	D.O. (mg/L)		6.0	Beryllium			
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS	
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS	
		E. Coli (per 100 mL)		205	Copper	TVS	TVS	
					Iron		WS	
		Inorgan	norganic (mg/L)		Iron		1000(T)	
			acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS	
		Boron		0.75	Manganese		WS	
		Chloride		250	Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	10		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(tr)	
		Phosphorus			Uranium			
		Sulfate		WS	Zinc	TVS	TVS	
		Sulfide		0.002				

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Fork of the Gunnison River Basin

11. All lakes and reservoirs tributary to the North Fork of the Gunnison River from its inception at the confluence of Muddy Creek and Coal Creek to the confluence with the Gunnison River, and not within national forest boundaries, except for the specific listings in Segments 7. 9, and 10. This segment includes Roeber Reservoir.

	<u> </u>	cept for the specific listings in Segments		. This segmen	1		
COGUNF11	Classifications	Physical and Biolo	gical		Met	als (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
		Inorganic (m	g/L)		Copper	TVS	TVS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead		WS
		Boron		0.75	Manganese	TVS	TVS
		Chloride		250	Manganese		WS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COGUUN01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
)W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	•	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
2. Mainstem o	of the Uncompahare River fron	n the source (Poughkeepsie Gulch) to a r			I fluence with Red Mounta	in Creek.	
	of the Uncompangre River from	n the source (Poughkeepsie Gulch) to a p	point immediately al		fluence with Red Mounta	uin Creek. Metals (ug/L)	
COGUUN02			point immediately al		fluence with Red Mounta		chronic
COGUUN02 Designation	Classifications		point immediately al	pove the conf	fluence with Red Mounta	Metals (ug/L)	chronic
COGUUN02 Designation	Classifications Agriculture	Physical and	point immediately at Biological DM	MWAT		Metals (ug/L) acute	chronic 0.02(T)
COGUUN02 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	point immediately at Biological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute 	
COGUUN02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C	point immediately at Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 	
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L)	point immediately all Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	0.02(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	point immediately all Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	0.02(T) TVS
COGUUN02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Doint immediately at Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	0.02(T) TVS TVS
COGUUN02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Doint immediately at Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Doint immediately at Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	point immediately all Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	point immediately at Biological DM CS-I acute 6.5 - 9.0 iic (mg/L)	MWAT CS-I chronic 6.0 7.0 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	point immediately at Biological DM CS-I acute 6.5 - 9.0 cic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Doint immediately all Biological DM CS-I acute 6.5 - 9.0 bic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 205 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Doint immediately all Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Doint immediately all Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 205 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	point immediately at Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS SS 1000(T) TVS TVS US TVS US 1000(T) TVS TVS US 0.01(t)
COGUUN02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	point immediately all Biological DM CS-I acute 6.5 - 9.0 lic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
2. Mainstem of COGUUN02 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	point immediately at Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGUUN02 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation P	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Doint immediately all Biological DM CS-I acute 6.5 - 9.0 lic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 205 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

	Classifications	om a point immediately above the			2.00			
		Pnys	ical and Biologi				Metals (ug/L)	- Abronio
Designation Reviewable	Agriculture	T00		DM	MWAT	A1	acute	chronic
reviewable	Aq Life Cold 1 Recreation E	Temperature °C		CS-I	CS-I chronic	Arania	240	0.02(T)
	Water Supply	D.O. (mg/l.)		acute		Arsenic	340	0.02(T)
Qualifiers:	water Supply	D.O. (mg/L)			6.0	Beryllium	T) (C(+r)	T\/C
		D.O. (spawning)		6.5 - 9.0	7.0	Cadmium	TVS(tr)	TVS
Other:		pH				Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			100	Chromium VI	TVS	TVS
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)			126	Copper	TVS	TVS
Expiration Da	te of 12/31/2021			_		Iron		WS
			Inorganic (mg/			Iron .		2296(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus				Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
3b. Mainstem	of the Uncompahgre River fr	om a point immediately above the	confluence with	n Cascade C	Creek to a po	int immediately above the	e confluence with Dext	er Creek.
COGUUN03E	Classifications	Physi	ical and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	10/16 - 5/31	13	9	Aluminum		
	Recreation E	Temperature °C	6/30 - 10/15	21.7	17	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Temnorary M	lodification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chron	* *	рН		6.5 - 9.0		Copper	TVS	TVS
-	te of 12/31/2021	chlorophyll a (mg/m²)				Iron		WS
zxpiration ba	10 01 12/01/2021	E. Coli (per 100 mL)			126	Iron		4067(T)
						Lead	TVS	TVS
			Inorganic (mg/	L)		Manganese	TVS	TVS
				acute	chronic	Manganese		WS
				TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate				Uranium		. 70(11)
				10		Zinc	TVS	TVS
		Nitrite			0.05		173	173
		Phosphorus						
		Sulfate			WS			
		Sulfide			0.002	1		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

	· · ·	om a point immediately above the conflue		ек то а рот	I ininediately below the c		ъгеек.
	C Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation	⊣ "		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		2682(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
3d. Mainsten	n of the Uncompanage River from	om a point immediately below the conflue	nce with Dallas Cre		Let of Ridgway Reservoir.		
	D Classifications	Physical and		0.1.0 1.10 11.10		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
- 31011		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		,			Iron		WS
		Inorgan	nic (mg/L)		Iron		2053(T)
		morgan	acute	chronic	Lead	TVS	TVS
		 Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
			0.019	0.011	Molybdenum		160(T)
		Chloring		U.UII	Morybacham		100(1)
		Chlorine			Nickel	T\/C	TVC
		Cyanide	0.005		Nickel	TVS	TVS
		Cyanide Nitrate	0.005 10		Selenium	TVS	TVS
		Cyanide Nitrate Nitrite	0.005 10 	 0.05	Selenium Silver	TVS TVS	TVS TVS(tr)
		Cyanide Nitrate Nitrite Phosphorus	0.005 10 	 0.05	Selenium Silver Uranium	TVS TVS 	TVS TVS(tr)
		Cyanide Nitrate Nitrite	0.005 10 	 0.05	Selenium Silver	TVS TVS	TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

	<u> </u>	om the outlet of Ridgway Reservoir to a p				9 -	
COGUUN03E	E Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	_ Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	2.110	110	140
2f Mainston	of the Uncompehare Diver free	m a point immediately above the outlet of			adiately above the Highw	roy 00 bridge in Montre	
	F Classifications	Physical and		а ронц инн	lediately above the Highw	Metals (ug/L)	se.
Designation		r nysicai and	DM	MWAT		acute	chronic
Reviewable	Agriculture Ag Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		Cilionic
reviewable	Recreation E	remperature C	C3-II	C3-11			
	I COI CUITOTI L		acuto	chronic		340	0.02(T)
	Water Supply	D.O. (ma/l.)	acute	chronic	Arsenic	340	0.02(T)
Oualifiers:	Water Supply	D.O. (mg/L)		6.0	Arsenic Beryllium	340	
	Water Supply	D.O. (spawning)		6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	TVS
Qualifiers: Other:	Water Supply	D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	TVS TVS TVS
	Water Supply	D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 nic (mg/L)	6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute TVS	6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 sic (mg/L) acute TVS	6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUUN04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E	, a said a	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgar	ic (mg/L)		Copper	TVS	TVS
		-	acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		i			Zinc	TVS	TVS
4b. Mainstem	of the Uncompangre River from	Gunnison Road to the upstream boun	dary of Confluence	Park.			
COGUUN04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Гетрогагу М	odification(s):	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
Selenium(chro	onic) = current condition	Inorgar	ic (mg/L)		Copper	TVS	TVS
Expiration Dat	te of 12/31/2017		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1800(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
			10		Molybdenum		160(T)
		Nitrate					
		Nitrate Nitrite		0.5	Nickel	TVS	TVS
				0.5	Nickel Selenium	TVS TVS	TVS TVS
		Nitrite					
		Nitrite Phosphorus			Selenium	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUUN04C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
ther:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		2356(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
	es to the Uncompahgre River, 6a, 6b, and 7 through 9.	including all wetlands, from the source to	a point immediatel	ly below the	confluence with Dexter Cr	eek, except for speci	fic listings in
OGUUN05	Classifications	Physical and	Biological	,		Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
teviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
				7.0	Cadmium	TVS(tr)	TVS
)ualifiers:		D.O. (spawning)		7.0			
-		D.O. (spawning)	6.5 - 9.0	7.0	Chromium III	50(T)	TVS
					Chromium III Chromium VI	50(T) TVS	TVS TVS
		рН	6.5 - 9.0				
-		pH chlorophyll a (mg/m²)	6.5 - 9.0		Chromium VI	TVS	TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0		Chromium VI Copper	TVS TVS	TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 		Chromium VI Copper Iron	TVS TVS	TVS TVS WS
Qualifiers: Other:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	 126	Chromium VI Copper Iron Iron	TVS TVS	TVS TVS WS 1000(T)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	 126 chronic	Chromium VI Copper Iron Iron Lead	TVS TVS TVS	TVS TVS WS 1000(T) TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

Chloride

Chlorine

Cyanide Nitrate

Nitrite

Sulfide

Phosphorus Sulfate

0.019

0.005

10

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

250

0.011

0.05

WS

0.002

Mercury Molybdenum

Nickel

Silver

Zinc

Selenium

Uranium

0.01(t)

160(T)

TVS

TVS

TVS

TVS(tr)

TVS

TVS

TVS

TVS

OGUUN06A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate			Í		
		Sulfide		0.002			

6b. Mainstem of Red Mountain Creek from immediately above the confluence with the East Fork of Red Mountain Creek to the confluence with the Uncompanger River. All tributaries to Red Mountain Creek within Corkscrew and Champion basins.

COGUUN06B	Classifications	Physical and Biolog	ical		Met	als (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Recreation N				Aluminum		
Qualifiers:			acute	chronic	Arsenic		
Other:		D.O. (mg/L)		3.0	Beryllium		
		рН	ambient		Cadmium		
		chlorophyll a (mg/m²)			Chromium III		
		E. Coli (per 100 mL)		630	Chromium VI		
		Inorganic (mg/	'L)		Copper		
			acute	chronic	Iron		
		Ammonia			Lead		
		Boron			Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		
		Cyanide			Nickel		
		Nitrate			Selenium		
		Nitrite			Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		
		Sulfide					

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

i. Mainstein C	or oray copper carer normand co	urce to the confluence with Red Moui					
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		2700(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	655
		Boron		0.75	Manganese		TVS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
8. Mainstem c	of Mineral Creek from the source	to the confluence with the Uncompah	gre River.				
COGUUN08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Danier D						
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)	acute 	6.0	Arsenic Beryllium		0.02-10(T) ^A
Qualifiers:		D.O. (mg/L) D.O. (spawning)			<u> </u>		
Qualifiers: Other:				6.0	Beryllium		
		D.O. (spawning)		6.0 7.0	Beryllium Cadmium	TVS(tr)	TVS
		D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0 	Beryllium Cadmium Chromium III	TVS(tr) 50(T)	TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS	TVS TVS TVS 5
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS	TVS TVS TVS TVS S
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 205	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS	TVS TVS TVS 5 WS 1000(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar	 6.5 - 9.0 nic (mg/L)	6.0 7.0 205	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute TVS	6.0 7.0 205 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	6.0 7.0 205 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t) 160(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	6.5 - 9.0 nic (mg/L) acute TVS	6.0 7.0 205 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	6.0 7.0 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t) 160(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	6.0 7.0 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t) 160(T) TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	6.0 7.0 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t) 160(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 205 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS 5 WS 1000(T) 4 TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

9 Mainstem of Imogene Creek from its source to its confluence with Sneffels Creek. Mainstem and all tributaries of Sneffels Creek from a point 1.5 miles above its confluence with Imogene Creek at 37.974979, -107.753960 (WGS84) to its confluence with Imogene Creek. Mainstem of Canyon Creek from its inception at the confluence of Imogene Creek and Sneffles Creek to the confluence with the Uncompange River.

COGUUN09	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Fish Ingestio	n	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (n	ng/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002	<u> </u>		

10. All tributaries to the Uncompangre River, including all wetlands, from a point immediately below the confluence with Dexter Creek to the South Canal near Uncompangre, except for specific listings in Segments 1 and 11.

COGUUN10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
ı		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

11. Mainstem of Coal Creek from the source to the Park Ditch, mainstem of Dallas Creek from the source of the East and West Forks to the confluence with the Uncompangre River; mainstem of Cow Creek, including all tributaries, from the Uncompangre Wilderness Area boundary to the confluence with the Uncompangre River; mainstems of Billy Creek, Onion Creek and Beaton Creek from their sources to their confluences with Uncompangre River; mainstem of Beaver Creek from the source to the confluence with the East Fork of Dallas Creek; and mainstem of Pleasant Valley Creek from the source to the confluence with Dallas Creek.

COGUUN11	Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

12. All tributaries to the Uncompangre River, including all wetlands, from the South Canal near Uncompangre to the confluence with the Gunnison River, except for specific listings in Segments 13, 14, 15a and 15b.

COGUUN12	Classifications	Physical and Biolog	gical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1400(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

13. Mainstem of East Fork Dry Creek, Pryor Creek and West Fork Dry Creek from their sources to their confluence; mainstem of Spring Creek, West Fork Spring Creek and Middle Spring Creek from the source to Popular Road at the mouth of Spring Canyon, and mainstem of Mexican Gulch from the source to the Section line dividing Section 19 and 30, T49N, R9W.

COGUUN13	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

14. East and West Forks of Horsefly Creek, including all tributaries and wetlands, from their sources to a point immediately above their confluence. Happy Canyon Creek, including all tributaries and wetlands, from the source to the most downstream national forest boundary.

COGUUN14	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		206	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.5	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate]		
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COGUUN15A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P	- p	acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
ther:		рН	6.5 - 9.0		Cadmium	TVS	TVS
tilei.		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
L5b. Mainste	m of Dry Creek from the conflu	uence of the East and West Forks to imme	ediately above the	confluence w	: rith Coalbank Canyon Cre	eek.	
	Classifications	Physical and				Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		DOTOIT			Molybdenum		160(T)
		Chloride					
			0.019	0.011	Nickel	TVS	TVS
		Chloride					
		Chloride Chlorine	0.019	0.011	Nickel	TVS	TVS
		Chloride Chlorine Cyanide	0.019 0.005	0.011	Nickel Selenium	TVS TVS	TVS TVS
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 100	0.011	Nickel Selenium Silver	TVS TVS TVS	TVS TVS TVS(tr)
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100 	0.011	Nickel Selenium Silver Uranium	TVS TVS TVS	TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

16. All lakes a							
COGUUN16	Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
)W	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	50
		Boron		0.75	Manganese		TVS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide Sulfide Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an	point immediately b	0.002 pelow the cor	Zinc fluence with Dexter Cree		
Segments 16		Sulfide Uncompahgre River from the source to a	 point immediately b d Lake Lenore.	0.002			
Segments 16 COGUUN17	This segment includes Lake Classifications Agriculture	Sulfide Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an	 point immediately b d Lake Lenore.	0.002 pelow the cor		ek, except for specific	
Segments 16 COGUUN17 Designation	This segment includes Lake Classifications Agriculture Aq Life Cold 1	Sulfide Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an	point immediately b d Lake Lenore. Biological	0.002 pelow the cor		k, except for specific	chronic
Segments 16 COGUUN17 Designation	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide e Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and	point immediately b d Lake Lenore. Biological DM	0.002 pelow the cor	fluence with Dexter Cree	k, except for specific	chronic
Segments 16 COGUUN17 Designation	This segment includes Lake Classifications Agriculture Aq Life Cold 1	Sulfide e Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and	point immediately be d Lake Lenore. Biological DM CL	0.002 pelow the cor MWAT CL	Aluminum	Metals (ug/L) acute	chronic
Segments 16 COGUUN17 Designation Reviewable	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C	point immediately be d Lake Lenore. Biological DM CL acute	0.002 pelow the cor MWAT CL chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic 0.02-10(T)
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L)	point immediately bed Lake Lenore. Biological DM CL acute	0.002 pelow the cor MWAT CL chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02-10(T)
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	point immediately b d Lake Lenore. Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02-10(T) TVS
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompahgre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0	0.002 pelow the cor MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02-10(T) TVS TVS
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0	0.002 MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02-10(T) TVS TVS TVS
Segments 16 COGUUN17 Designation Designation Designation Designation Designation	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0	0.002 MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02-10(T) TVS TVS TVS TVS
Segments 16 COGUUN17 Designation Designation Designation Designation Designation	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	point immediately bed Lake Lenore. Biological DM CL acute 6.5 - 9.0	0.002 MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02-10(T) TVS TVS TVS TVS WS
esignation eviewable qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0 bic (mg/L)	MWAT CL chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic
esignation eviewable qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompangre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0 cute acute acute acute acute acute acute	MWAT CL chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS
egments 16 OGUUN17 esignation eviewable ualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompahgre River from the source to a c Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	point immediately bed Lake Lenore. Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	0.002 welow the cor MWAT CL chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) TVS TVS TVS VS 1000(T) TVS
esignation eviewable qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Bullide Bul	point immediately bed Lake Lenore. Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	0.002 pelow the cor MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
Segments 16 COGUUN17 Designation Designation Designation Designation Designation	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompahgre River from the source to a ce Como, Ptarmigan Lake, Crystal Lake, and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompahgre River from the source to a e Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	0.002 nelow the cor MWAT CL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompahgre River from the source to a E Como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	0.002 pelow the cor MWAT CL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic
Segments 16 COGUUN17 Designation Reviewable Qualifiers:	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide E Uncompahgre River from the source to a como, Ptarmigan Lake, Crystal Lake, an Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	point immediately bed Lake Lenore. Biological DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	0.002 nelow the cor MWAT CL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
	This segment includes Lake Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide Bullide Chloride Chlorine Cyanide Nitrate Nitrite	point immediately be d Lake Lenore. Biological DM CL acute 6.5 - 9.0 10c (mg/L) acute TVS 0.019 0.005 10	0.002 nelow the cor MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	## Recept for specific Metals (ug/L)	Chronic

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

18. All lakes and reservoirs tributary to the Uncompahgre River from a point immediately below the confluence with Dexter Creek to a point immediately below the South Canal near Uncompahgre, excluding the listings in Segment 16 and 19. All lakes and reservoirs tributary to the East Fork of Dry Creek or the West Fork of Dry Creek from their sources to their confluence. This segment includes Black Lake, Blue Lakes, Ulah Brown Spring, Lake Otonawanda, West Lake, Dry Lake, Elephant Reservoir, Buckhorn Lakes, Silesca Pond and Olathe Reservoirs 1 and 2.

COGUUN18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation P	•	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		3	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
19. Ridgway F	Reservoir.	127 27			<u> </u>		
_ ,	Classifications	Physical and	Riological			Matala (vall)	
		i nysioai ana	Diological			Metals (ug/L)	
Designation	Agriculture	1 Hysiota and	DM	MWAT		acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C		MWAT CLL	Aluminum		chronic
	-l ~		DM		Aluminum Arsenic	acute	
Reviewable	Aq Life Cold 1		DM CLL	CLL		acute	
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C	DM CLL acute	CLL	Arsenic	acute 340	 7.6(T)
Reviewable	Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CLL acute	CLL chronic 6.0	Arsenic Beryllium	acute 340 	7.6(T)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning)	DM CLL acute	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	7.6(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0 ic (mg/L)	CLL chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0 ic (mg/L) acute	CLL chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	CLL chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	CLL chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	CLL chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T)
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CLL chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CLL chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CLL chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CLL chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

20. Sweitzer I	Lake (a.k.a. Garnet Mesa Reservoir).						
COGUUN20	Classifications	Physical and Bio	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic (r	ng/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

21. All lakes and reservoirs tributary to the Uncompandere River from a point immediately below the South Canal near Uncompander to the confluence with the Gunnison River, excluding the listings in Segments 20 and 18.

COGUUN21	Classifications	Physical and Biolog	jical		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

	i the Guillison River Ironi the ou	ıtlet of Crystal Reservoir to a point imr	nediately above the	confluence v	with the Uncompangre Ri	ver.	
COGULG01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	* /	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
2. Mainstem c	of the Gunnison River from a poin	It immediately above the confluence w	rith the Uncompang	re River to th	e confluence with the Co	lorado River.	
COGULG02	Classifications	Physical and	Biological			Metals (ug/L)	
Doolan -+!							
Designation	Agriculture		DM	MWAT		acute	chronic
Designation Reviewable	Agriculture Aq Life Warm 1	Temperature °C	DM WS-II	MWAT WS-II	Aluminum		chronic
	1 ~	Temperature °C			Aluminum Arsenic	acute	
	Aq Life Warm 1	Temperature °C D.O. (mg/L)	WS-II	WS-II	-	acute	
Reviewable	Aq Life Warm 1 Recreation E		WS-II acute	WS-II chronic	Arsenic	acute	 0.02(T)
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L)	WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	acute 340 	 0.02(T)
Reviewable Qualifiers: Other:	Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L)	WS-II acute 6.5 - 9.0	ws-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Reviewable Qualifiers: Other: Femporary M	Aq Life Warm 1 Recreation E Water Supply odification(s):	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-II acute 6.5 - 9.0 	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS TVS
Qualifiers: Other: Femporary M Arsenic(chron Expiration Dat	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-II acute 6.5 - 9.0 sic (mg/L)	WS-II chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-II acute 6.5 - 9.0 sic (mg/L) acute	ws-II chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	WS-II chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	ws-II chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	ws-II chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Selenium(chro	Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 onic) = current conditions	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

3. All tributaries to the Gunnison River, including all wetlands, which are within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork Gunnison River sub-basin, Uncompahgre River sub-basins, and segments 10, 11a, 11b, and 12.

COGULG03 Classifications	Physical and	Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:	рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Date of 12/31/2021				Iron		WS
	Inorgan	ic (mg/L)		Iron		1000(T)
		acute	chronic	Lead	TVS	TVS
	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		WS
	Chloride		250	Mercury		0.01(t)
	Chlorine	0.019	0.011	Molybdenum		160(T)
	Cyanide	0.005		Nickel	TVS	TVS
	Nitrate	10		Selenium	TVS	TVS
	Nitrite		0.05	Silver	TVS	TVS(tr)
	Phosphorus			Uranium		
	Sulfate		WS	Zinc	TVS	TVS
	Sulfide		0.002			

4a. All tributaries to the Gunnison River, including all wetlands which are not within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork of the Gunnison River sub-basin, the Uncompahgre River sub-basin, and in Segments 3, 4b, 4c, 5 through 10, 12 and 13.

River, except	for specific listings in the North Fork of	the Gunnison River sub-basin, the Unc	compangre R	iver sub-basi	n, and in Segments 3, 4b, 4	c, 5 through 10, 1	2 and 13.
COGULG04A	Classifications	Physical and Biolog	gical		M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
		Inorganic (mg	/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		ĺ			Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

	Tee to Treedery Frenchiseering an	nd Juniata Reservoirs, and the mainstem o	i Kaillall Cleek be	elow the point	t of diversion for public wa	ater supply.	
COGULG04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		i			Zinc	TVS	TVS
4c. Mainstem	of Red Rock Creek from the I	boundary of Black Canyon of the Gunniso	n National Park to t	the confluenc	e of the Gunnison River.		
COGULG04C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation						metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Agriculture Aq Life Warm 2	Temperature °C	DM WS-III	MWAT WS-III	Aluminum		chronic
Reviewable	- ~	Temperature °C			Aluminum Arsenic	acute	chronic 0.02-10(T) ^A
Reviewable	Aq Life Warm 2	Temperature °C D.O. (mg/L)	WS-III	WS-III	-	acute	
	Aq Life Warm 2 Recreation E	·	WS-III acute	WS-III chronic	Arsenic	acute 340	 0.02-10(T) ^A
Reviewable Qualifiers: Other:	Aq Life Warm 2 Recreation E	D.O. (mg/L)	WS-III acute	WS-III chronic 5.0	Arsenic Beryllium	acute 340 	0.02-10(T) ^A
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L)	WS-III acute 6.5 - 9.0	ws-III chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	0.02-10(T) A TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	0.02-10(T) A TVS TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0 	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	 0.02-10(T) A TVS TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0 ic (mg/L)	WS-III chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-III acute 6.5 - 9.0 ic (mg/L) acute	ws-III chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS WS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-III chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T)
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-III chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-III chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	ws-III chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-III chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-III chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	ws-III chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	ws-III chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

5. Mainstem of Roubideau Creek from the national forest boundary to the confluence with Potter Creek; mainstem of Monitor Creek from the national forest boundary to the confluence with Potter Creek; mainstem of North Fork Escalante Creek from the national forest boundary to the confluence with Escalante Creek.

COGULG05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L) Iron		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium	TVS	16.8-30(T) A
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

6. Mainstem of Roubideau Creek from Potter Creek to the Gunnison River; mainstem of Escalante Creek from the national forest boundary to the Gunnison River; mainstem of Little Dominguez from the national forest boundary to the Gunnison River, mainstem of East Creek from the source to the Gunnison River.

COGULG06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium	TVS	16.8-30(T) A
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

7a. Mainstem	of Ward Creek, from the national for	est boundary to the confluence with D	irty George Cre	ek.			
COGULG07A	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorganic (Inorganic (mg/L) Iron		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

7b. Mainstem of Surface Creek from the point of diversion of water supply to the confluence with Tongue Creek; mainstem of Tongue Creek from its inception at the confluence of Ward Creek and Dirty George Creek to the confluence with the Gunnison River; mainstem of Youngs Creek from the national forest boundary to the confluence with Kiser Creek; mainstem of Kiser Creek from the national forest boundary to the confluence with Youngs Creek.

COGULG07B	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorganic (ı	Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

8. Mainstem o	of Surface Creek and	u Kalillali Cieek,	including all tributaries, fro	ill the national	TOTEST DOUTE	ary to the po	on diversion for public	water supply.	
COGULG08	Classifications		Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Fomporary M	odification(s):		chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
Arsenic(chron	• ,		E. Coli (per 100 mL)			126	Copper	TVS	TVS
-	te of 12/31/2021						Iron		WS
-xpiration bat	C 01 12/01/2021			Inorganic (mg/	'L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	1000
			Boron			0.75	Manganese		TVS
			Chloride			250	Manganese		WS
			Chlorine		0.019	0.011	Mercury		0.01(t)
			Cyanide		0.005		Molybdenum		160(T)
			Nitrate		10		Nickel	TVS	TVS
			Nitrite			0.05	Selenium	TVS	TVS
			Phosphorus				Silver	TVS	TVS(tr)
			Sulfate			WS	Uranium		
			Sulfide			0.002	Zinc	TVS	TVS
			Jouinde			0.002	Zinc		TVS(sc)
9. Fruitgrower	rs Reservoir.		ļ						
COGULG09	Classifications		Physi	cal and Biologi	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
JP	Aq Life Warm 2		Temperature °C		WL	WL	Aluminum		
	Recreation E	4/1 - 10/31			acute	chronic	Arsenic	340	100(T)
	Recreation P	11/1 - 3/31	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	4/1 - 10/31		126	Chromium III		100(T)
			" '						
			E. Coli (per 100 mL)	11/1 - 3/31		205	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	11/1 - 3/31		205	Chromium VI Copper	TVS TVS	
						205	Copper	TVS TVS	TVS
				11/1 - 3/31 Inorganic (mg/	/L)		Copper Iron	TVS 	TVS 1000(T)
					L) acute	chronic	Copper Iron Lead	TVS TVS	TVS 1000(T) TVS
			Ammonia		acute	chronic TVS	Copper Iron Lead Manganese	TVS TVS TVS	TVS 1000(T) TVS TVS
			Ammonia Boron		acute TVS	chronic TVS 0.75	Copper Iron Lead Manganese Mercury	TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t)
			Ammonia Boron Chloride		L) acute TVS	chronic TVS 0.75	Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T)
			Ammonia Boron Chloride Chlorine		acute TVS 0.019	chronic TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
			Ammonia Boron Chloride Chlorine Cyanide		acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate		Acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		Acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.05	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.05	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		Acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.05	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGULG10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

11a. All tributaries to the Smith Fork, including all wetlands, which are within national forest boundaries except for specific listings in Segment 11b; Doug Creek from the source to the confluence with Muddy Creek.

COGULG11A	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

		ling all wetlands, which are within the Wes	Dialogical			Motolo (um/L)	
	Classifications	Physical and	<u>-</u>	NAVA T		Metals (ug/L)	ahrania
esignation W	Agriculture	T	DM	MWAT	A1	acute	chronic
VV	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
			acute	chronic	Arsenic	340	0.02(T)
ualifiers:	Water Supply	D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		400	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron .		WS
		Inorgani	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
		ng all wetlands, which are not within nation	al forest boundarie	es, except for	the specific listing in Seg	ment 11a.	
	Classifications	Physical and	<u>-</u>			Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
					1		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)	acute 	chronic 5.0	Arsenic Beryllium		0.02-10(T) [/]
Qualifiers:		рН				340	0.02-10(T) / TVS
Qualifiers: Other:				5.0	Beryllium	340	
-		рН	6.5 - 9.0	5.0	Beryllium Cadmium	340 TVS	
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III	340 TVS 50(T)	TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III Chromium VI	340 TVS 50(T) TVS	TVS TVS TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	5.0 205	Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS 50(T) TVS TVS	TVS TVS TVS TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 ic (mg/L) acute	5.0 205 chronic	Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS 50(T) TVS TVS	TVS TVS TVS TVS WS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	 6.5 - 9.0 ic (mg/L) acute TVS	5.0 205 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	5.0 205 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	5.0 205 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	5.0 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	5.0 205 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	5.0 205 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

13. Crawford	Reservoir.						
COGULG13	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

14. All lakes and reservoirs tributary to the Gunnison River, from the outlet of Crystal Reservoir to the confluence with the Colorado River, and within national forest boundaries, excluding listings in the North Fork of the Gunnison River sub-basin, the Uncompahgre River sub-basin, and Segments 15, 17 and 18. This segment includes Trickle Reservoir, Hale Reservoir, Cherry Lane Reservoir, Cole Reservoirs, Cedar Mesa Reservoir, Kehmeier Reservoir, Weir and Johnson Reservoir, Bonita Reservoir, Blanche Park Reservoir, Knox Reservoir, Military Park Reservoir, Eureka Park Reservoir, Carbonate Park Reservoirs, Prebble Reservoir, Youngs Creek Reservoirs, Siser Reservoir, Donnely Reservoir, Kiser Slough Reservoir, Baron Lake, Upper Eggleston Lake, Upper Hotel Lake, Hotel Lake, Arch Slough, Alexander Lake, Deep Ward Lake, Kennicott Slough Reservoir, Womack Reservoirs, Deep Slough Reservoir, Scotland Peak Reservoir, Boulder Lake Reservoir, Basin Reservoir 1, Clear Lake, Granby Reservoirs, Dugger Reservoir, Carson Lake, Crane Lake, Flowing Park, Blue Lake, Chambers Reservoir, Scales Lakes, Grand Mesa Reservoirs, Anderson Reservoirs, Bolen Reservoir, Bolen-Anderson-Jacobs Reservoir 2, Hollenbeck Reservoir 2, Cliff Lake Reservoir, Lee Reservoirs, Lone Pine Reservoirs, Bullfrog Reservoir, Twin Lake, Harry White Reservoirs, Beaver Dam Reservoir, and Fruita Reservoirs 1 and 2.

Reservoir, an	d Fruita Reservoirs 1 and 2.						
COGULG14	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.4-9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen

DM = daily maximum

MWAT = maximum weekly average temperature

15. Island Lal	ke, Eggleston Lake, and Trickle	e Park Reservoir (aka Park Reservoir).					
COGULG15	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.4-9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L) Iror				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

16. All lakes and reservoirs that are tributary to the Gunnison River, from the outlet of Crystal Reservoir to the confluence with the Colorado River, and not within national forest boundaries, excluding the listings in the North Fork of the Gunnison sub-basin, the Uncompahgre River sub-basin, and Segments 9, 13, and 19. This segment includes Poison Springs Reservoir, Dry Fork Reservoir, Delta Reservoir, Winkler Reservoir, Desert Reservoir, Alkali Reservoir, Cheney Reservoir, Juniata Reservoir, Hallenbeck Reservoir, Reeder Reservoir, Enochs Lake, Gobbo Reservoir, Schrader Reservoir, and King Reservoir.

COGULG16	Classifications	Physical and Biolog	gical		М	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorganic (mg]/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

	and reservoirs tributary to the		Diologias!			Motale (ue/L)	
COGULG17	Classifications	Physical and				Metals (ug/L)	ala · · · · ·
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E	(")	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
18 All lakes a	and reservoirs tributary to the	Sulfide Smith Fork, and are within the West Flk W	/ilderness Area	0.002			
	and reservoirs tributary to the	Sulfide Smith Fork, and are within the West Elk W Physical and	/ilderness Area.	0.002		Metals (ug/L)	
OGULG18		Smith Fork, and are within the West Elk W	/ilderness Area.	0.002 MWAT		Metals (ug/L)	chronic
COGULG18 Designation	Classifications Agriculture	Smith Fork, and are within the West Elk W Physical and	/ilderness Area. Biological DM	MWAT	Aluminum		chronic
COGULG18 Designation	Classifications	Smith Fork, and are within the West Elk W	/ilderness Area. Biological DM CL	MWAT CL	Aluminum Arsenic	acute	
COGULG18 Designation	Classifications Agriculture Aq Life Cold 1	Smith Fork, and are within the West Elk W Physical and Temperature °C	/ilderness Area. Biological DM	MWAT CL chronic	Arsenic		
COGULG18 Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L)	Vilderness Area. Biological DM CL acute	MWAT CL chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
COGULG18 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	/ilderness Area. Biological DM CL acute	MWAT CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
COGULG18 Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Jilderness Area. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COGULG18 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Jilderness Area. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
COGULG18 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Jilderness Area. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COGULG18 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Jilderness Area. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	/ilderness Area. Biological DM CL acute 6.5 - 9.0 ic (mg/L)	MWAT CL chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Jilderness Area. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute	MWAT CL chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	/ilderness Area. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	/ilderness Area. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
esignation W Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Jilderness Area. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	### Area. ### Area. ### Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Jilderness Area. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	### Area. ### Area. ### Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CL chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation OW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	### Area. ### Area. ### Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGULG18 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	### Area. ### Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Smith Fork, and are within the West Elk W Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	### Area. ###################################	MWAT CL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

		Smith Fork, which are not within national for		excluding the	listings in Segment 17. T		Gould Reservoir.
COGULG19	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
		Inorgani	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COGUSM01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

2. All tributaries, including all wetlands, to the San Miguel River from its sources to a point immediately below the confluence of Leopard Creek, with the exceptions listed in Segments 1, 6a, 6b, 7 and 8.

COGUSM02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
,		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COGUSM03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc		190
		Sulfate					
		Sulfide		0.002			
3b. Mainstem (River.	of the San Miguel River from	a point immediately above the confluence	e of Marshall Creek	to a point im	imediately above the confl	uence of the South Fo	ork San Migue
COGUSM03B	Classifications	Physical and	Biological			Metals (ug/L)	

COGUSM03B	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	varies*	varies*	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper		TVS
,	e of 12/31/2021				Copper		
·		Inorganic (mg	/L)		Iron		WS
*Temperature DM=13.9 and	= MWAT=9 from 10/1-10/31		acute	chronic	Iron		1000(T)
	WAT=9 from 11/1-3/31 WAT=9 from 4/1-5/31	Ammonia	TVS	TVS	Lead	TVS	TVS
	MWAT=9 from 6/30-9/30	Boron		0.75	Manganese	TVS	TVS
		Chloride		250	Manganese		WS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc		190

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

		in a point inimicalatory above the con	indence of the .	ooutin i ont	or tine out in	igaer raver to a penit inn	nediately below the CC	uitcii.
COGUSM04A	A Classifications	Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture		,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
		E. Coli (per 100 mL)			126	Copper	TVS	TVS
						Iron		WS
		li	norganic (mg/	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
ı		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus				Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
					0.002			
4b. Mainstem of the San Miguel River from a		m a point immediately below the CC	ditch to a point				reek.	
	of the San Miguel River from Classifications		ditch to a point	t immediatel		L confluence of Naturita Cr	reek. Metals (ug/L)	
COGUSM04E	3 Classifications		•	t immediatel		confluence of Naturita Ci		chronic
COGUSM04E Designation	3 Classifications		•	t immediatel ical	y below the	Confluence of Naturita Co	Metals (ug/L)	chronic
COGUSM04E Designation	Agriculture	Physic	al and Biologi	t immediatel ical DM	y below the		Metals (ug/L) acute	
COGUSM04E Designation	Agriculture Aq Life Warm 1	Physic Temperature °C	al and Biologi	t immediatel ical DM 13	MWAT	Aluminum	Metals (ug/L) acute 	
COGUSM04E Designation Reviewable	Agriculture Aq Life Warm 1 Recreation E	Physic Temperature °C	al and Biologi	t immediatel ical DM 13	MWAT	Aluminum Arsenic	Metals (ug/L) acute 340	 0.02(T)
COGUSM04E Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Physic Temperature °C	al and Biologi	t immediatel ical DM 13 30.9	MWAT 9 23.3	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	0.02(T)
COGUSM04E Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C Temperature °C	al and Biologi	t immediatel ical DM 13 30.9 acute	MWAT 9 23.3 chronic	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	 0.02(T) TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M	Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L)	al and Biologi	t immediatel ical DM 13 30.9 acute	MWAT 9 23.3 chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 50(T)	 0.02(T) TVS TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C Temperature °C D.O. (mg/L) pH	al and Biologi	t immediatel ical DM 13 30.9 acute 6.5 - 9.0	MWAT 9 23.3 chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 50(T) TVS	 0.02(T) TVS TVS TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply	Physic Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi	t immediatel ical DM 13 30.9 acute 6.5 - 9.0	MWAT 9 23.3 chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physic Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0	MWAT 9 23.3 chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physic Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L)	MWAT 9 23.3 chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L) acute	MWAT 9 23.3 chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physic Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L) acute TVS	MWAT 9 23.3 chronic 5.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physic Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) II Ammonia Boron	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L) acute TVS	MWAT 9 23.3 chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical Temperature °C Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L) acute TVS	Name	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical Temperature °C Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L) acute TVS 0.019	Name	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical Phy	al and Biologi 11/1 - 2/29 3/1 - 10/31	acute L) acute TVS 0.019 0.005	MWAT 9 23.3 Chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Physical Temperature °C Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) III Ammonia Boron Chloride Chlorine Cyanide	al and Biologi 11/1 - 2/29 3/1 - 10/31	acute TVS 0.019 0.005 10	MWAT 9 23.3 Chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGUSM04E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	al and Biologi 11/1 - 2/29 3/1 - 10/31	t immediatel ical DM 13 30.9 acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	white whit	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUSM05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium	TVS	16.8-30(T)
		Sulfide		0.002	Zinc	TVS	TVS
Sa. Mainstem	of Ingram Creek including, all	tributaries and wetlands, from the source	to the confluence	with the San	Miguel River.		
COGUSM06A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT			abrania
						acute	chronic
eviewable!	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	acute 	
Reviewable		Temperature °C			Aluminum Arsenic		
Reviewable Qualifiers:	Aq Life Cold 2	Temperature °C D.O. (mg/L)	CS-I	CS-I	1		
Qualifiers:	Aq Life Cold 2		CS-I acute	CS-I chronic	Arsenic	340	 100(T)
Qualifiers:	Aq Life Cold 2	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	100(T)
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS	100(T) TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS TVS	100(T) TVS TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	 340 TVS TVS	100(T) TVS TVS 100(T)
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
)ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	340 TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t)
)ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T)
)ualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Qualifiers:	Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

6b. Mainstem	of Marshall Creek, including all tribu	utaries and wetlands, from the sourc	e to the confluence	e with the Sa	n Miguel River.		
COGUSM06B	Classifications	Physical and I	Biological	,		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc		190
		Sulfate					
		Sulfide		0.002			
Miguel River.	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
•		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride			Mercury		0.01(t)
		Chionae		250			0.02(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
						TVS	
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Chlorine Cyanide	0.019 0.005	0.011	Molybdenum Nickel	TVS	160(T) TVS
		Chlorine Cyanide Nitrate	0.019 0.005 10	0.011	Molybdenum Nickel Selenium	TVS TVS	160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

Sulfate

Sulfide

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

WS

0.002

Zinc

TVS

TVS

COGUSM08							
	Classifications	Physical and	Biological	,		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	80
		Boron		0.75	Manganese		TVS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
ne uncompar		adding all wedands from a point infinediat	ely below the com	uence of Leo	pard Creek to the Dolore	es River that are within t	the boundaries
COGUSM09	ngre National Forest. Classifications	Physical and		uence of Leo	pard Creek to the Dolore	es River that are within t Metals (ug/L)	the boundaries
	<u> </u>			MWAT	pard Creek to the Dolore		the boundaries
Designation	Classifications		Biological		pard Creek to the Dolore	Metals (ug/L)	,
Designation Reviewable	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Femporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS VS USS 1000(T)
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS VS USS 1000(T) TVS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS SS TVS WS 1000(T) TVS TVS WS
Designation Reviewable Qualifiers: Other: Temporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Designation Reviewable Qualifiers: Other: Temporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers: Other: Femporary Moarsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

Sulfide

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

0.002

10. Mainstem of Naturita Creek from the point it exits the Uncompander National Forest at the most downstream boundary to its confluence with the San Miguel River. Mainstem of Tabeguache Creek from its source to the confluence with the San Miguel River.

COGUSM10 Classifications	Physical and	Biological		Metals (ug/L)			
Designation Agriculture		DM	MWAT		acute	chronic	
leviewable Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum			
Recreation E		acute	chronic	Arsenic	340	0.02(T)	
Water Supply	D.O. (mg/L)		6.0	Beryllium			
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:	рН	6.5 - 9.0		Chromium III	50(T)	TVS	
emporary Modification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS	
rsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS	
expiration Date of 12/31/2021				Iron		WS	
	Inorgan	ic (mg/L)		Iron		1000(T)	
		acute	chronic	Lead	TVS	TVS	
	Ammonia	TVS	TVS	Manganese	TVS	75	
	Boron		0.75	Manganese		TVS	
	Chloride		250	Mercury		0.01(t)	
	Chlorine	0.019	0.011	Molybdenum		160(T)	
	Cyanide	0.005		Nickel	TVS	TVS	
	Nitrate	10		Selenium	TVS	TVS	
	Nitrite		0.05	Silver	TVS	TVS(tr)	
	Phosphorus			Uranium			
	Sulfate		WS	Zinc	TVS	TVS	
	Sulfide		0.002				

11a. All tributaries to Miramonte Reservoir and West Naturita Creek from their sources to the Uncompahgre National Forest Boundary below Miramonte Reservoir. The mainstems of Beaver and Horsefly Creeks from the Uncompahgre National Forest boundary to their confluences with the San Miguel River.

COGUSM11A	Classifications	Physical and Biolog	jical		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COGUSM11		Uncompangre National Forest boundary to	the community ma	ii tiio Gaii iiii	9		
	B Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
	taries and wetlands to the Sa	n Migual Divar from a point immediately ba					
exceptions lis	sted in Segments 9, 10, 11a,		low the confluence	of Leopard C	Creek to a point immedia	itely above Naturita Cre	eek with the
	sted in Segments 9, 10, 11a, Classifications			of Leopard (Creek to a point immedia	tely above Naturita Cre Metals (ug/L)	eek with the
COGUSM12/	A Classifications	and 11b.		of Leopard C	Creek to a point immedia		chronic
COGUSM12/ Designation	A Classifications	and 11b.	Biological		Creek to a point immedia	Metals (ug/L)	
COGUSM12/ Designation	A Classifications Agriculture	and 11b. Physical and	Biological DM	MWAT		Metals (ug/L)	
COGUSM12/ Designation	A Classifications Agriculture Aq Life Cold 2	and 11b. Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	chronic
COGUSM12/	A Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic
COGUSM12A Designation Reviewable	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	and 11b. Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COGUSM12/ Designation Reviewable Qualifiers:	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
COGUSM12A Designation Reviewable Qualifiers: Water + Fish Other:	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COGUSM12A Designation Reviewable Qualifiers: Water + Fish Other:	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s):	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s):	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS VS TVS WS 1000(T)
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS VS TVS TVS TVS VS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Ammonia Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) Inorgani	Biological CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Ammonia Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COGUSM12/ Designation Reviewable Qualifiers: Water + Fish Other: Temporary M	A Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	and 11b. Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

Sulfide

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

0.002

12b. All tributaries and wetlands to the San Miguel River from a point immediately above Naturita Creek to the confluence with the Dolores River, excluding the listings in Segments 9, 10, 11a, and 11b. COGUSM12B Classifications Physical and Biological Metals (ug/L) Designation Agriculture DΜ MWAT acute chronic CS-II Reviewable Aq Life Cold 2 CS-II Temperature °C Aluminum Recreation E 340 0.02(T)acute chronic Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium **Qualifiers:** D.O. (spawning) ---7.0 Cadmium TVS(tr) TVS Water + Fish Standards рΗ 6.5 - 9.0 Chromium III 50(T) **TVS** chlorophyll a (mg/m²) Chromium VI TVS TVS Other: E. Coli (per 100 mL) 126 TVS TVS Copper Temporary Modification(s): Iron WS Arsenic(chronic) = hybrid Inorganic (mg/L) Iron 1000(T) Expiration Date of 12/31/2021 Lead TVS TVS acute chronic **TVS** TVS Manganese TVS TVS Ammonia Manganese WS Boron 0.75 ---0.01(t) Chloride 250 Mercury Molybdenum 160(T) 0.019 Chlorine 0.011 ---0.005 Nickel **TVS TVS** Cyanide Selenium **TVS TVS** Nitrate 10 Nitrite 0.05 Silver TVS TVS(tr) 16.8-30(T) A Uranium TVS Phosphorus Zinc TVS TVS Sulfate WS Sulfide 0.002 13. All lakes and reservoirs tributary to the San Miguel River and within the boundaries of the Lizard Head, or Mount Sneffels Wilderness Areas Classifications COGUSM13 Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT chronic acute ow Aq Life Cold 1 Temperature °C CL CL Aluminum Recreation E acute chronic 0.02(T)Arsenic 340 Water Supply D.O. (mg/L) 6.0 Beryllium **Oualifiers:** D.O. (spawning) 7.0 Cadmium TVS(tr) TVS рΗ 6.5 - 9.0 Chromium III 50(T) TVS Other: chlorophyll a (mg/m²) Chromium VI TVS **TVS** E. Coli (per 100 mL) 126 Copper **TVS TVS** Iron WS Iron 1000(T) Inorganic (mg/L) Lead **TVS TVS** acute chronic Ammonia TVS TVS Manganese TVS **TVS** Manganese WS Boron ---0.75 0.01(t)Chloride 250 Mercury Chlorine 0.019 0.011 Molybdenum 160(T) Nickel **TVS** Cyanide 0.005 **TVS** Selenium TVS TVS Nitrate 10 ---0.05 Silver TVS TVS(tr) Nitrite Phosphorus Uranium ------Zinc TVS TVS Sulfate WS Sulfide 0.002

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

14. All lakes and reservoirs tributary to the San Miguel River from its sources to a point immediately below the confluence of Leopard Creek, excluding the listings in Segments 13, 15, 16, 17 and 20. This segment includes Lake Hope, Cushman Lake, Alta Lakes, Blue Lake, Mud Lake, and Woods Lake Physical and Biological Metals (ug/L) COGUSM14 Classifications Designation Agriculture DM **MWAT** acute chronic Aq Life Cold 1 Reviewable CL CL Aluminum Temperature °C Recreation E chronic 340 0.02(T) acute Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium **Qualifiers:** D.O. (spawning) ---7.0 Cadmium TVS(tr) **TVS** рН 6.5 - 9.0 Chromium III Other: 50(T) **TVS** chlorophyll a (mg/m²) Chromium VI **TVS TVS** E. Coli (per 100 mL) 126 TVS Copper **TVS** Iron WS Inorganic (mg/L) Iron ---1000(T) Lead TVS TVS acute chronic TVS Manganese **TVS TVS** Ammonia **TVS** Manganese WS 0.75 ---Boron 0.01(t)Chloride 250 Mercury 160(T) Molybdenum Chlorine 0.019 0.011 ---0.005 Nickel **TVS TVS** Cyanide Selenium TVS **TVS** Nitrate 10 Nitrite 0.05 Silver TVS TVS(tr) Uranium Phosphorus ---Zinc **TVS TVS** Sulfate WS Sulfide 0.002 15. All lakes and reservoirs tributary to Ingram Creek from the source to the confluence with the San Miguel River. This segment includes Ingram Lake COGUSM15 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT chronic acute Reviewable Aq Life Cold 2 Temperature °C CL CL Aluminum Recreation E acute chronic 340 Arsenic 100(T) Qualifiers: D.O. (mg/L) 6.0 Beryllium D.O. (spawning) 7.0 Cadmium TVS TVS Other: рΗ 6.5 - 9.0 ---Chromium III TVS TVS chlorophyll a (mg/m²) Chromium III ---100(T) E. Coli (per 100 mL) 126 Chromium VI **TVS TVS** Copper TVS TVS Iron 1000(T) Inorganic (mg/L) Lead **TVS** TVS acute chronic Ammonia TVS TVS Manganese TVS **TVS** Mercury 0.01(t)Boron 0.75 Molybdenum 160(T) Chloride Chlorine 0.019 0.011 Nickel TVS TVS Selenium **TVS TVS** Cyanide 0.005 Silver TVS TVS Nitrate 100 ---Uranium Nitrite 0.05 Phosphorus Zinc TVS **TVS** Sulfate Sulfide 0.002 ---

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

16. All lakes a	and reservoirs tributary to M	arshall Creek from the source to the conflue	ence with the San iv	ilguel River.	This segment includes TI	iorne Lake.	
COGUSM16	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
		-	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05	Uranium		
		Phosphorus			Zinc		190
		Sulfate			İ		
		Sulfide		0.002			
	and reservoirs tributary to th	e Howard Fork from a point immediately be	low the confluence	of Swamp G	ulch to the confluence wi	th the South Fork of the	San Miguel
River. COGUSM17	Classifications						
COGOSIVITI		Dhysical and	Riological			Metals (un/L)	
		Physical and		MWAT		Metals (ug/L)	chronic
Designation	Agriculture		DM	MWAT	Aluminum	Metals (ug/L) acute	chronic
Designation	Agriculture Aq Life Cold 1	Physical and Temperature °C	DM CL	CL	Aluminum	acute	
Designation Reviewable	Agriculture	Temperature °C	DM CL acute	CL chronic	Arsenic	acute 340	 7.6(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CL acute	CL chronic 6.0	Arsenic Beryllium	acute 340 	7.6(T)
Designation Reviewable	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning)	DM CL acute	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	7.6(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 ic (mg/L) acute	CL chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CL acute 6.5 - 9.0 cic (mg/L) acute TVS	CL chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 126 Chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 126 Chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CL acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CL chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CL chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CL chronic 6.0 7.0 126 Chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CL chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

18. All lakes and reservoirs tributary to the San Miguel River from a point immediately below the confluence of Leopard Creek to the confluence with the Dolores River, and that are within Uncompandere National Forest boundaries. This segment includes Hoffman Reservoir, Paxton Reservoir, and Hotchkiss Reservoir.

COGUSM18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

19. All lakes and reservoirs tributary to the San Miguel River from a point immediately below the confluence of Leopard Creek to the Dolores River, and not within Uncompahgre National Forest boundaries, excluding the listings in Segment 19. This segment includes Point Reservoir, Palmers Lake, Williams Reservoir, and Lilylands Reservoir.

COGUSM19	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	50(T)	
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg	/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride		250	Manganese		WS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

		eservoir, and Miramonte Reservoir.			1				
COGUSM20	Classifications	Physical and	Biological			Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic		
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum				
	Recreation E		acute	chronic	Arsenic	340	0.02(T)		
	Water Supply	D.O. (mg/L)		6.0	Beryllium				
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS		
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS		
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS		
		E. Coli (per 100 mL)		126	Copper	TVS	TVS		
					Iron		WS		
		Inorgan	Inorganic (mg/L)				1000(T)		
			acute	chronic	Lead	TVS	TVS		
		Ammonia	TVS	TVS	Manganese	TVS	TVS		
		Boron		0.75	Manganese		WS		
		Chloride		250	Mercury		0.01(t)		
		Chlorine	0.019	0.011	Molybdenum		160(T)		
		Cyanide	0.005		Nickel	TVS	TVS		
		Nitrate	10		Selenium	TVS	TVS		
		Nitrite		0.05	Silver	TVS	TVS(tr)		
		Phosphorus			Uranium				
		Sulfate		WS	Zinc	TVS	TVS		
		Sulfide		0.002					

sc = sculpin

1a. Mainstem of the Dolores River from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to a point immediately above the confluence with Big Canyon Creek near Dove Creek.

COGULD01A	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture		,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/22	13	9	Aluminum		
	Recreation E	Temperature °C	3/23 - 10/31	26.6	23.8	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
		рН		6.5 - 9.0		Copper	TVS	TVS
		chlorophyll a (mg/m²)				Iron		WS
		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
		ı	norganic (mg/	L)		Manganese	TVS	TVS
				acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium	TVS	16.8-30(T) A
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus						
		Sulfate			WS			
		Sulfide			0.002			

1b. Mainstem of the Dolores River from a point immediately above the confluence with Big Canyon Creek near Dove Creek to a point immediately above the Highway 141 road crossing near Slick Rock.

COGULD01B	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/22	13	9.1	Aluminum		
	Recreation E	Temperature °C	3/23 - 10/31	27.6	24.7	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Temporary M	odification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chron	` '	рН		6.5 - 9.0		Copper	TVS	TVS
,	te of 12/31/2021	chlorophyll a (mg/m²)				Iron		WS
•		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
			norganic (mg/	L)		Manganese	TVS	TVS
				acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium	TVS	16.8-30(T) A
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus						
		Sulfate			WS			
All meta	als are dissolved unless otherw	vise nSudafio de DO=dis	ssolved oxyge	n	0.002			

T = total recoverable

t = total

tr = trout sc = sculpin DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COGULD02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium	TVS	16.8-30(T) A
		į			Zinc	TVS	TVS

3a. All tributaries to the Dolores River, including all wetlands, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, except for specific listings in Segments 3b, 3c, 4, 5, and 6.

COGULD03A	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorganic (mg	/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

3b. All tributaries to the Dolores River, including wetlands, that are within national forest boundaries, from the bridge at Bradfield Ranch (Forest Route 505, near the Montezuma/Dolores County Line) to the Colorado/Utah border, excluding the small area of Uncompander National Forest within the Disappointment Valley and the listings in Segments 3c, 4, 5, and 6. Disappointment Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Morrison Creek.

COGULD03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
	Nitrite		0.05	Uranium	TVS	TVS	
		Phosphorus			Zinc	TVS	TVS
		Sulfate			Zinc		TVS(sc)
		Sulfide		0.002			
3c. Mainstem	and all tributaries to Salt Cree	ek, including all wetlands from the source	within the Sinbad \	/alley to the o	confluence with the Dolor	es River.	
COGULD03C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		INITIALC					

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

Phosphorus

Sulfate

Sulfide

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

0.002

Silver

Zinc

Uranium

TVS

16.8-30(T) A

TVS

TVS

TVS

4. Mainstem of West Paradox Creek from the Manti-La Sal National Forest boundary to the confluence with the Dolores River. Mainstem and all tributaries to Blue Creek from the Uncompangre National Forest boundary to the confluence with the Dolores River.

COGULD04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgar	nic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium	TVS	16.8-30(T) A
		ĺ			Zinc	TVS	TVS

5. Mainstem of West Creek from the source to the confluence with the Dolores River. Roc Creek including all tributaries and wetlands from the Manti-La Sal National Forest boundary to the confluence with the Dolores River. La Sal Creek, including all tributaries and wetlands, from the Utah/Colorado border to the confluence with the Dolores River. Mesa Creek, including all tributaries and wetlands, from the Uncompander National Forest boundary to the confluence with the Dolores River.

COGULD05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium	TVS	16.8-30(T) A
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

6. North Fork of West Creek, including all tributaries and wetlands, from the source to the confluence with West Creek. Granite Creek, including all tributaries and wetlands, from the source the Colorado/Utah border.

COGULD06	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		100(T)
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

7. All lakes and reservoirs tributary to the Dolores River, from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to the Colorado/Utah border, and within national forest boundaries. This segment includes Long Park Reservoir, Cabin Reservoir, Beef Trail Reservoir, Dry Lake, Glade Lake, Glade Point Reservoir, Arrowhead Lake, Morrison Lake, Old Dunham Reservoir, Belmear Lake, Buckeye Reservoir, Black Pine Reservoir, Casto Reservoir, and Big Creek Reservoir.

COGULD07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

000111 000	01	Physical and Biological Metals (ug/L)					
COGULD08	Classifications	Pnysical and					
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	Inorganic (mg/L)			TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 35.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

CYNTHIA H. COFFMAN Attorney General DAVID C. BLAKE Chief Deputy Attorney General MELANIE J. SNYDER Chief of Staff FREDERICK R. YARGER

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Office of the Attorney General

Tracking number: 2015-00761

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-35

REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger

Judeick R. Yage

Solicitor General

January 28, 2016 14:04:42

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-35

Rule title

5 CCR 1002-35 REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS 1 - eff 06/30/2016

Effective date

06/30/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35 CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

. . . .

35.42 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on four segments were reviewed.

The Commission took no action on the temporary modifications on the following segments.

Uncompanyer segment 4b: Temporary modification of the selenium standards. The Commission took no action on the selenium temporary modifications on Uncompanyer segment 4b. The Town of Olathe did not participate in this rulemaking but the temporary modification will be reviewed in December 2016.

The Commission deleted the temporary modification on the following segment.

Upper Gunnison River segment 20: Temporary modification of the acute and chronic uranium standards. These temporary modifications expired on 6/30/2015. The Commission authorized deletion of the temporary modification from the tables.

The Commission extended the temporary modifications on the following segments.

Lower Gunnison segment 2: Temporary modification of the selenium standard. The Commission extended the temporary modification for chronic selenium with a narrative value of "current condition" to December 31, 2022 to coincide with the next basin review. The City of Delta wastewater treatment facility is currently discharging selenium at an average concentration of 8.45 ug/L and is addressing the inflow and infiltration into their collection system that is the cause of elevated selenium in their effluent. The City of Delta recently purchased a new wheeled collection system camera and has identified, with video and sampling a few sources of I & I (Inflow and Infiltration) and funds up to \$150,000 for this year have been allocated for pipe replacement. There is also still significant uncertainty concerning the underlying selenium

standard. Time is needed to wait for the EPA's new selenium criteria and implementation guidance, and to determine an appropriate underlying selenium standard for Lower Gunnison segment 2. The progress on resolving the uncertainty with the selenium standard will be reviewed at the annual temporary modification hearing December 2020.

Upper Gunnison segment 12: Temporary modification of metals standards. The Commission extended the existing temporary modifications for cadmium, copper and zinc, which were adopted for segment 12 during the September 2012 rulemaking; these temporary modifications are now scheduled to expire on December 31, 2017. This extension will allow sufficient time to resolve the existing uncertainty regarding metals loading sources to segment 12 and develop site-specific standards. It will also reconcile the expiration date for the temporary modifications with the projected effective date for revised water quality standards adopted during the June 2017 Regulation #35 basin hearing. U.S. Energy presented evidence that progress is being made on implementation of the Study Plan to Evaluate Metals Loading in the Coal Creek Watershed in the Vicinity of the Keystone Mine (the "Study Plan"). The Study Plan, as approved by the Commission, is intended to identify and quantify sources of cadmium, copper and zinc loading that may be affecting water quality in segment 12, including groundwater down gradient of the flooded Keystone Mine workings. To address concerns regarding the groundwater portion of the study, U.S. Energy completed a longitudinal sampling event in November 2015. U.S. Energy identified activities it plans to complete over the next eighteen months to be ready to develop and propose site-specific water quality standards in June 2017, which includes continued data collection (if needed) and evaluation, report preparation, site-specific standards proposal development, and meetings with the agencies and stakeholders. The surface water data collected as part of the Study Plan and additional groundwater data as required by the groundwater portion of the plan will be used by U.S. Energy to develop site-specific standards for segment 12, if appropriate. Water quality improvements and seasonal variation evident from the long-term water quality data collection effort in segment 12 will be evaluated throughout the remainder of the temporary modifications during the development and consideration of sitespecific standards. These temporary modifications will be reviewed again at the annual temporary modifications hearing in December 2016.

PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
GUNNISON AND LOWER DOLORES RIVER BASINS

APPENDIX 35-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2016

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Gunnison River Basin

■LIIIIIUIIS/Reu	2. Mainstem of Coal Creek, including all tributaries and wetlands from a point immediately below the Crested Butte Water Supply intake which is above the confluence with the Mount Emmons/Red Lady Basin drainage to the confluence with the Slate River, with the exception of Wildcat Creek.						
COGUUG12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	te of 12/31/2021				Iron		WS
Cadmium(chro	onic) = 2.1	Inorgan	ic (mg/L)		Iron		1000(T)
Copper(chroni	ic) = current conditions		acute	chronic	Lead	TVS	TVS
Zinc(chronic) =		Ammonia	TVS	TVS	Manganese	TVS	191
Expiration Dat	te of 12/31/2017	Boron		0.75	Manganese		TVS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
20. Mainstem	of Indian Creek, including all tributa	aries, from the source to the confluen	ce with Marshall Cr	eek.	•		
COGUUG20	Classifications	Physical and	Biological			Metals (ug/L)	
Designation							
_ 55.9.14.1511	Agriculture		DM	MWAT		acute	chronic
Reviewable	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	MWAT CS-I	Aluminum	acute	chronic
	-l ~	Temperature °C			Aluminum Arsenic	acute 340	chronic 7.6(T)
	Aq Life Cold 1	Temperature °C D.O. (mg/L)	CS-I	CS-I	-		
Reviewable	Aq Life Cold 1	_	CS-I acute	CS-I chronic	Arsenic	 340	 7.6(T)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	7.6(T)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	7.6(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) TVS	7.6(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI	 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III	340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	TVS(tr) TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS(tr) TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS TVS TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 cic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 1000(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS
Reviewable Qualifiers:	Aq Life Cold 1	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

4b. Mainst	em of the Uncompangre River from	Gunnison Road to the upstream bound	ary of Confluence P	ark.			
COGUUNO	04B Classifications	Physical and	Biological		Metals (ug/L)		
Designatio	on Agriculture		DM	MWAT		acute	chronic
UP Aq Life Warm 2		Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	:	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Temporary	Modification(s):	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
Selenium(c	chronic) = current condition	Inorgan	ic (mg/L)		Copper	TVS	TVS
Expiration I	Date of 12/31/2017		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1800(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		ĺ			Zinc	TVS	TVS

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

2. Mainstem of the Gunnison River from a point immediately above the confluence with the Uncompander River to the confluence with the Colorado River.							
COGULG02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Warm 1		Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	ic) = hybrid	Inorgan	ic (mg/L)		Copper	TVS	TVS
Expiration Dat	e of 12/31/2021		acute	chronic	Iron		WS
Selenium(chro	onic) = current conditions	Ammonia	TVS	TVS	Iron		1000(T)
Expiration Dat	e of 12/312022	Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		480	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

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Tracking number: 2015-00518

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-35

REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 29, 2016 11:20:54

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-36

Rule title

5 CCR 1002-36 REGULATION NO. 36 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-36

REGULATION NO. 36 CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN

36.1 **AUTHORITY**

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

36.2 PURPOSE

These regulations establish classifications and numeric standards for the Rio Grande Basin, including all tributaries and standing bodies of water as indicated in section 36.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See Regulation No. 31, section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

36.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See section 36.6(4)). As additional stream segments are classified and numeric standards for designated parameters are assigned for this drainage system, they will be added to or replace the numeric standards in the tables in section 36.6(4). Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "basic regulations".

36.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

36.5 BASIC STANDARDS

(1) <u>TEMPERATURE</u>

All waters of the Rio Grande Basin are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard.) Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) **QUALIFIERS**

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Tables 36.6(4). The column in the tables at 31.11 and 31.16 Table III headed "Fish Ingestion" is presumptively applied to all aquatic life class 1 streams which do not have a water supply classification, and are applied to aquatic life class 2 streams which do not have a water supply classification, on a case-by-case basis as shown in Tables 36.6(4).

(3) **URANIUM**

- (a) All waters of the Rio Grande Basin are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 µg/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 ug/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) <u>NUTRIENTS</u>

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll *a* will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the Rio Grande River Basin. Moreover, pursuant to 31.17(e) nutrient standards will only be adopted for waters upstream of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities

discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012 in the Rio Grande River Basin:

Segment	Permittee	Facility name	Permit No.
CORGRG02	Mountain Views at Rivers Edge RV	Mtn Views At Rvrs Edge Rv Rst	COG588069
CORGRG04b	South Fork Water and Sanitation District	South Fork Water and San Dist WWTF	COG588039
CORGRG04c	Monte Vista City of	Veterans Center WWTF	CO0036927
CORGRG04c; CORGRG15	Monte Vista City of	Henderson Lagoon Facility	CO0023132
CORGRG04b; CORGRG18	Del Norte Town of	Del Norte WWTF	CO0020281
CORGRG07	Creede City of	Creede WWTF	CO0040533
CORGRG09	Fun Valley Resort	Fun Valley Resort	COG588018
CORGRG09	Wolf Creek Ski Corp	Wolf Creek Ski Corp WWTF	CO0041785
CORGRG12	Alamosa City of	Alamosa Regional WWTF	CO0044458
CORGRG15	San Luis Water and Sanitation District	San Luis Water and San Dist WWTF	COG589082
CORGRG31	Costilla County Water and Sanitation System	Costilla County Water & San Dist WWTF	CO0036528
CORGAL12	La Jara Town of	La Jara WWTF	CO0020150
CORGAL15	Manassa Town of	Manassa WWTF	CO0042935
CORGAL18	Antonito Town of	Antonito WWTF	CO0040975
CORGCB03	Baca Grande Water and Sanitation District	Aspen Institute	CO0046914

Prior to May 31, 2022:

- For segments located entirely above these facilities, nutrient standards apply to the entire segment.
- For segments with portions downstream of these facilities, *nutrient standards only apply above these facilities*. A footnote was added to the total phosphorus and chlorophyll a standards in these segments. The footnote references the table of qualified facilities at 36.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A footnote was added to the total phosphorus and chlorophyll *a* standards in lakes segments as nutrients standards apply only to lakes and reservoirs larger than 25 acres surface area.

36.6 TABLES

(1) <u>Introduction</u>

The numeric standards for various parameters in this regulation and in the tables in Appendix 36-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the tables attached to Regulation No. 31. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) Abbreviations

(a) The following abbreviations are used in this regulation and in the tables in Appendix 36-1:

°C = degrees Celsius

CL = cold lake temperature tier

CLL = cold large lake temperature tier

CS-I = cold stream temperature tier one

CS-II = cold stream temperature tier two

D.O. = dissolved oxygen

DM = daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters

sp = spawning

SSE = site-specific equation T = total recoverable

t = total tr = trout

TVS = table value standard ug/l = micrograms per liter UP = use-protected

WAT = weekly average temperature

WS = water supply

WS-I = warm stream temperature tier one WS-II = warm stream temperature tier two WS-III = warm stream temperature tier three

WL = warm lake temperature tier

(b) In addition, the following abbreviations are used:

Fe(ch) = WS Mn(ch) = WS $SO_4 = WS$

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.11(6);

i. existing quality as of January 1, 2000; or

ii. Iron = 300 (μ g/l (dissolved) Manganese = 50 (μ g/l (dissolved)

 $SO_4 = 250 \text{ mg/l}$

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

- (c) Temporary Modification for Water + Fish Chronic Arsenic Standard
 - (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 μ g/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.

- (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
- (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 μg/l (Trec), expiring on 12/31/2021.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) <u>Table Value Standards</u>

In certain instances in the tables in Appendix 36-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

	TABLE VALUE STANDARDS (Concentrations in μg/l unless noted)
PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS ⁽²⁾⁽³⁾
Aluminum (Trec)	Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$
	pH equal to or greater than 7.0
	Chronic=e ^{(1.3695[ln(hardness)]-0.1158)}
	pH less than 7.0
	Chronic= $e^{(1.3695[ln(hardness)]-0.1158)}$ or 87, whichever is more stringent
Ammonia (4)	Cold Water
	$acute = \frac{0.275}{1+10^{7.204-pH}} + \frac{39.0}{1+10^{pH-7.204}}$
	$chronic = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * MIN (2.85, 1.45*10^{0.028(25-T)})$
	Warm Water

TABLE VALUE STANDARDS

(Concentrations in μ g/I unless noted)

	, , , , , , , , , , , , , , , , , , ,
PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS ⁽²⁾⁽³⁾
	$acute = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$
	$chronic \ (Apr 1 - Aug 31) = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-} pH} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * MIN \left(2.85, 1.45 * 10^{0.028(25-T)} \right)$
	$chronic \; (Sep \; 1 - Mar \; 31) = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-} \; pH} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T, \; 7))}$
Cadmium	Acute = $(1.136672-[ln(hardness) \times (0.041838)]) \times e^{0.9151[ln(hardness)]-3.1485}$
	Acute(Trout) = $(1.136672-[ln(hardness)x (0.041838)])x e^{0.9151[ln(hardness)]-3.623}$
	Chronic = (1.101672-[In(hardness) $x(0.041838)$] $x e^{0.7998[ln(hardness)]-4.4451}$
Chromium III ⁽⁵⁾	Acute = $e^{(0.819[ln(hardness)]+2.5736)}$
	Chronic= e ^{(0.819[ln(hardness)]+0.5340)}
Chromium VI ⁽⁵⁾	Acute = 16
	Chronic = 11
Copper	Acute = $e^{(0.9422[ln(hardness)]-1.7408)}$
	Chronic = $e^{(0.8545[ln(hardness)]-1.7428)}$
Lead	Acute = $(1.46203-[ln(hardness)*(0.145712)])* e^{(1.273[ln(hardness)]-1.46)}$
	Chronic = $(1.46203-[ln(hardness)*(0.145712)])* e^{(1.273[ln(hardness)]-4.705)}$
Manganese	Acute = $e^{(0.3331[ln(hardness)]+6.4676)}$
	Chronic = $e^{(0.3331 [ln(hardness)]+5.8743)}$
Nickel	Acute = $e^{(0.846[ln(hardness)]+2.253)}$
	Chronic = $e^{(0.846[ln(hardness)]+0.0554)}$

TABLE VALUE STANDARDS

(Concentrations in μ g/I unless noted)

PARAMETER⁽¹⁾ TABLE VALUE STANDARDS⁽²⁾⁽³⁾

Selenium⁽⁶⁾ Acute = 18.4

Silver Acute = $\frac{1}{2}e^{(1.72[\ln(\text{hardness})]-6.52)}$

Chronic = 4.6

Chronic = $e^{(1.72[ln(hardness)]-9.06)}$

Chronic(Trout) = $e^{(1.72[ln(hardness)]-10.51)}$

Temperature

TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	TEMPERATURE STANDARD (°C)	
				MWAT	DM
Cold Stream	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7
Tier 1			Oct. – May	9.0	13.0
Cold Stream	CS-II	all other cold-water species	April – Oct.	18.3	23.9
Tier 2		opeoide .	Nov. – March	9.0	13.0
Cold Lakes	CL	brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2
		rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
Cold Large	CLL	rainbow trout, brown	April – Dec.	18.3	23.8
Lakes (>100	022	1	Jan. – March	9.0	13.0
acres surface Warm Stream area)	WS-I	darter, orangethroat	March – Nov.	24.2	29.0
Tier 7			Dec. – Feb.	12.1	14.5
Warm Stream	WS-II	VS-II brook stickleback, central stoneroller, creek chub, longnose dace, Northern redbelly dace, finescale	March – Nov.	27.5	28.6
Tier 2			Dec. – Feb.	13.8	14.3
Warm Stream	WS-III	dłacetheazwabackweinerker, suberciesucker	March – Nov.	28.7	31.8
Tier 3		Manuel Concrete	Dec. – Feb.	14.3	15.9
Warm Lakes	WL	black crappie, bluegill, common carp, gizzard	April – Dec.	26.3	29.5
		shad, golden shiner, largemouth bass, Northern pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	Jan. – March	13.2	14.8

	TABLE VALUE STANDARDS (Concentrations in μg/I unless noted)	
PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS ⁽²⁾⁽³⁾	
Uranium	Acute = $e^{(1.1021[ln(hardness)]+2.7088)}$ Chronic = $e^{(1.1021[ln(hardness)]+2.2382)}$	
Zinc	Acute = $0.978 * e^{(0.9094[ln(hardness)]+0.9095)}$	
	Chronic = $0.986*e^{(0.9094[\ln(\text{hardness})]+0.6235)}$	

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.
- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of hexavalent and trivalent chromium exceed the water supply standard of 50 ug/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.

- (7) *E.coli* criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for *E. coli* are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.
- (9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

(4) Additional Site-Specific Criteria

(a) Seasonal Aluminum Standards for Alamosa River/La Jara Creek/Conejos River Segment 8, Terrace Reservoir:

5/1-6/30 Near Surface:

Aluminum(chronic)=873(T) ug/L Aluminum(acute)=TVS(T) ug/L Aluminum(chronic)=59 ug/L Aluminum(acute)=159 ug/L

5/1-6/30 Near Bottom:

Aluminum(chronic)=1,542(T) ug/L Aluminum(acute)=5,583(T) ug/L Aluminum(chronic)=41 ug/L Aluminum(acute)=65 ug/L

7/1-4/30 Near Surface:

Aluminum(chronic)=102(T) ug/L Aluminum(acute)=TVS(T) ug/L Aluminum(chronic)=9 ug/L Aluminum(acute)=15 ug/L

7/1-4/30 Near Bottom:

Aluminum(chronic)=227(T) ug/L Aluminum(acute)= TVS(T) ug/L Aluminum(chronic)=9 ug/L Aluminum(acute)=12 ug/L

(b) Site-Specific Standards for Rio Grande Segment 4a:

Standards effective through 12/31/2016

Cadmium(acute)=TVS(tr)
Cadmium(chronic)=TVS
Lead(chronic)=TVS
Manganese(chronic)=TVS and WS
Zinc(acute/chronic)=TVS

Tier 1 standards effective 1/1/2017 through 12/31/2018

Low flow (August-March):
Cadmium(acute/chronic)=2.6 / 1.5 ug/L
Lead(chronic)=3.0 ug/L
Manganese(chronic)=165 ug/L
Zinc(acute/chronic)=548 / 393 ug/L

High flow (April-July):
Cadmium(acute/chronic)=1.0 / 0.63 ug/L
Lead(chronic)=1.3 ug/L
Manganese(chronic)=WS
Zinc(acute/chronic)=272 / 183 ug/L

Tier 2 standards effective from 1/1/2019

Low flow (August-March):
Cadmium(acute/chronic)=2.0 / 0.88 ug/L
Lead(chronic)=1.5 ug/L
Manganese(chronic)=92 ug/L
Zinc(acute/chronic)=306 / 148 ug/L

High flow (April-July):
Cadmium(acute/chronic)=0.83 / 0.51 ug/L
Lead(chronic)=0.75 ug/L
Manganese(chronic)=WS
Zinc(acute/chronic)=225 / 136 ug/L

(c) Site-specific standards and temporary modifications for Rio Grande Segment 7:

Standards effective through 12/31/2016

Cadmium(acute/chronic)=TVS Copper(acute/chronic)=TVS Lead(acute/chromium)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=TVS

Tier 1 standards effective 1/1/2017 through 12/31/2018

West Willow

Cadmium(acute/chronic)=163 / 21 ug/L Copper(acute/chronic)=227 / 8.9 ug/L Lead(acute/chromium)=1,014 / 104 ug/L Manganese(acute/chronic)=TVS Silver(acute)=1.3 ug/L Zinc(acute/chronic)=24,000 / 5,977 ug/L

Windy Gulch

Cadmium(acute/chronic)=9.1 / 6.3 ug/L Copper(acute/chronic)=TVS / 5.8 ug/L Lead(acute/chromium)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=2,804 / 1,914 ug/L

Willow mainstem

Low flow (August-March): Cadmium(acute/chronic)=17.5 / 15.4 ug/L Copper(acute/chronic)=TVS Lead(acute/chromium)=TVS / 30 ug/L Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=4,541 / 3,917 ug/L

High flow (April-July): Cadmium(acute/chronic)=15.6 / 10.3 ug/L Copper(acute/chronic)=TVS Lead(acute/chromium)=TVS / 22 ug/L Manganese(acute/chronic)=TVS

Silver(acute)=TVS

Zinc(acute/chronic)=4,190 / 3,009 ug/L

Tier 2 standards effective from 1/1/2019

West Willow

Low flow (August-March): Cadmium(acute/chronic)=67 / 50 ug/L Copper(acute/chronic)=17.6 / 15.0 ug/L Lead(acute/chromium)=268 / 183 ug/L Manganese(acute/chronic)=TVS / 1,779 ug/L

Silver(acute)=TVS

Zinc(acute/chronic)=11,873 / 11,022 ug/L

High flow (April-July):

Cadmium(acute/chronic)=32 / 19.2 ug/L Copper(acute/chronic)=15.0 / 9.4 ug/L Lead(acute/chromium)=103 / 47 ug/L Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=8,772 / 5,611 ug/L

Windy Gulch

Cadmium(acute/chronic)=9.1 / 6.3 ug/L Copper(acute/chronic)=TVS / 5.8 ug/L Lead(acute/chromium)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=2,804 / 1,914 ug/L

Willow mainstem

Low flow (August-March): Cadmium(acute/chronic)=13.9 / 11.2 ug/L Copper(acute/chronic)=TVS Lead(acute/chromium)=TVS / 18.6 ug/L Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=2,521 / 1,733 ug/L

High flow (April-July):
Cadmium(acute/chronic)=14.5 / 8.9 ug/L
Copper(acute/chronic)=TVS
Lead(acute/chromium)=TVS / 13.1 ug/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=3,635 / 2,373 ug/L

The following temporary modifications apply (Expiration Date 12/31/2016):

West Willow

Cadmium(acute)=163 ug/L
Cadmium(chronic)=21.2 ug/L
Copper(acute)=227 ug/L
Copper(chronic)=8.9 ug/L
Lead(acute)=1,014 ug/L
Lead(chronic)=104 ug/L
Silver(acute)=1.32 ug/L
Zinc(acute)=24,000 ug/L
Zinc(chronic)=59,77 ug/L

Windy Gulch

Cadmium(acute)=9.1 ug/L Cadmium(chronic)=6.3 ug/L Copper(chronic)=5.8 ug/L Zinc(acute)=2,804 ug/L Zinc(chronic)=1,914 ug/L

Willow

Cadmium(acute)=30.8 ug/L Cadmium(chronic)=17.9 ug/L Copper(acute)=6.4 ug/L Copper(chronic)=5.6 ug/L Lead(acute)=38.0 ug/L Lead(chronic)=31.3 ug/L Zinc(acute)=6,763 ug/L Zinc(chronic)=4,660 ug/L

(5) <u>Stream Classifications and Water Quality Standards Tables</u>

The stream classifications and water quality standards tables in Appendix 36-1 are incorporated herein by reference.

. . . .

36.37 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR RIO GRANDE BASIN, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

Overall format changes: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

Also, since there is more room for information within each segment, footnotes "B" and "C" were replaced with the full text in each segment where these footnotes were applied. Footnote "A" was maintained because the text is too long to be displayed in the "Other" section for each segment where it applies.

Constraints of the new format: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made

- The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.

- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the concentration of total phosphorus. In the old format, individual phosphorus standards were noted as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3
 - E. Coli (chronic) Regulation #31, Table 1, footnote 7
 - D.O. (chronic) Regulation #31, Table 1, footnote 1
 - cyanide (acute) Regulation #31, Table 2
 - sulfide (chronic) Regulation #31, Table 2
 - nitrate (acute) Regulation #31, Table 2
 - nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30day average standard in permits and assessments.
 - chloride (chronic) Regulation #31, Table 2
 - boron (chronic) Regulation #31, Table 2
 - sulfate (chronic) Regulation #31, Table 2
- Some site-specific standards had too much information to be contained in the new table, so it was moved to 36.6(4) (Alamosa River/La Jara Creek/Conejos River Segment 8 and Rio Grande Segments 4a and 7).

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-36

REGULATION NO. 36
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
RIO GRANDE BASIN

APPENDIX 36-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

CORGRG01	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
•		Inorgani	c (mg/L)		Iron		1000(T)
*chlorophyll a the facilities lis	(mg/m^2) (chronic) = applies only above sted at 36.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
facilities listed	i at 30.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

2. Mainstem of the Rio Grande, including all tributaries and wetlands, from the source to a point immediately above the confluence with Willow Creek, excluding the listings in segments 1 and 3.

CORGRG02	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron	. ,	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
•		Inorgani	c (mg/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(facilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
idciiiles iisteu	at 30.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

CORGRG03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	,	acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Fish Ingestio	n	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(T)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		·			.!		
		Sulfate					
		Sulfate Sulfide		0.002			
4a. Mainstem	of the Rio Grande from a point immedia	Sulfide		0.002	ately above the confluen	ce with the South Fork I	Rio Grande.
	of the Rio Grande from a point immedia	Sulfide	 Willow Creek to a p	0.002	ately above the confluen	ce with the South Fork I	Rio Grande.
CORGRG04A		Sulfide ately above the confluence with	 Willow Creek to a p	0.002	ately above the confluen		Rio Grande.
CORGRG04A Designation	Classifications	Sulfide ately above the confluence with	 Willow Creek to a μ Biological	0.002 point immedia	ately above the confluen	Metals (ug/L)	
CORGRG04A Designation	Classifications Agriculture	Sulfide ately above the confluence with Physical and	 Willow Creek to a p Biological DM	0.002 point immedia		Metals (ug/L)	
CORGRG04A Designation	Classifications Agriculture Aq Life Cold 1	Sulfide ately above the confluence with Physical and	 Willow Creek to a p Biological DM CS-II	0.002 point immedia MWAT CS-II	Aluminum	Metals (ug/L) acute 	chronic
CORGRG04A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide ately above the confluence with Physical and Temperature °C	Willow Creek to a p Biological DM CS-II acute	0.002 point immedia MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
CORGRG04A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L)	Willow Creek to a p Biological DM CS-II acute	0.002 point immedia MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
CORGRG04A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Willow Creek to a p Biological DM CS-II acute	0.002 Doint immedia MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 varies*	chronic 0.02(T) varies*
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0	0.002 point immedia MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 varies* 50(T)	chronic 0.02(T) varies*
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0	0.002 point immedia MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 varies* 50(T) TVS	chronic 0.02(T) varies* TVS
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0	0.002 point immedia MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L)	chronic 0.02(T) varies* TVS TVS
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid e of 12/31/2021 onic) = current condition	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0	0.002 point immedia MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L)	chronic 0.02(T) varies* TVS TVS TVS WS
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 cc (mg/L)	0.002 Doint immedia MWAT CS-II Chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 varies* 50(T) TVS TVS	chronic 0.02(T) varies* TVS TVS TVS WS 1000(T)
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro Lead(chronic) Zinc(chronic)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid e of 12/31/2021 onic) = current condition = current condition	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 cc (mg/L) acute	0.002 point immedia MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS	chronic 0.02(T) varies* TVS TVS TVS WS 1000(T) varies*
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro Lead(chronic) Zinc(chronic) Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 cc (mg/L) acute TVS	0.002 point immedia MWAT CS-II chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS WS 1000(T) varies* varies*
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro Lead(chronic) Zinc(chronic): Expiration Dat *Cadmium(acistandards and	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016 ate) = See 36.6(4) for site-specific assessment locations.	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 cc (mg/L) acute TVS	0.002 point immedia MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS WS 1000(T) varies* varies* 0.01(T)
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro Lead(chronic) Zinc(chronic) Expiration Dat *Cadmium(aco standards and *Cadmium(chro *Cadmium(chro *Cadmium(chro *Cadmium(aco *Cadmium(chro *Cadmium	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016 ute) = See 36.6(4) for site-specific assessment locations. onic) = See 36.6(4) for site-specific	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS WS 1000(T) varies* varies* 0.01(T) 160(T)
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro Lead(chronic) Zinc(chronic) Expiration Dat *Cadmium(acistandards and *Cadmium(chro standards and *Lead(chronic)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016 ute) = See 36.6(4) for site-specific assessment locations. onic) = See 36.6(4) for site-specific assessment locations.) = See 36.6(4) for site-specific	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	0.002 point immedia MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS WS 1000(T) varies* varies* 0.01(T) 160(T) TVS
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chro Lead(chronic): Zinc(chronic): Expiration Dat *Cadmium(acistandards and *Cadmium(chrostandards and *Lead(chronic): standards and *Lead(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016 ute) = See 36.6(4) for site-specific assessment locations. onic) = See 36.6(4) for site-specific assessment locations.) = See 36.6(4) for site-specific assessment locations.) = See 36.6(4) for site-specific assessment locations.	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 to (mg/L) acute TVS 0.019 0.005	0.002 point immedia MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS TVS WS 1000(T) varies* varies* 0.01(T) 160(T) TVS TVS
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chrolic) Zinc(chronic) Expiration Dat *Cadmium(acidant) *Cadmium(chrolic) tandards and *Cadmium(chrolic) standards and *Lead(chronic) *Lead(chronic) standards and *Manganese(costandards and	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016 ate) = See 36.6(4) for site-specific assessment locations. onic) = See 36.6(4) for site-specific assessment locations.) = See 36.6(4) for site-specific assessment locations.) = See 36.6(4) for site-specific assessment locations.	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 to (mg/L) acute TVS 0.019 0.005 10	0.002 point immedia MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 Varies* 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS WS 1000(T) varies* varies* 0.01(T) 160(T) TVS TVS TVS
CORGRG04A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat Cadmium(chrolic) Zinc(chronic) Expiration Dat *Cadmium(acistandards and *Cadmium(chrolic) standards and *Lead(chronic) tead(chronic) standards and *Manganese(cistandards and	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): (c) = hybrid e of 12/31/2021 onic) = current condition = current condition = current condition e of 12/31/2016 ate) = See 36.6(4) for site-specific assessment locations. onic) = See 36.6(4) for site-specific assessment locations.) = See 36.6(4) for site-specific assessment locations. See 36.6(4) for site-specific assessment locations. See 36.6(4) for site-specific assessment locations.	Sulfide ately above the confluence with Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Willow Creek to a p Biological DM CS-II acute 6.5 - 9.0 1c (mg/L) acute TVS 0.019 0.005 10	0.002 MWAT CS-II Chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 varies* 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) varies* TVS TVS WS 1000(T) varies* varies* 0.01(T) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

KURKUUAK	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture	i nysicai and	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
orionasio	Recreation E	Temperature 0	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		0.02(1)
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
-		pH	6.5 - 9.0		Chromium III	50(T)	TVS
other:		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	odification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
rsenic(chroni	-	2. 35. (ps. 2502)			Iron		WS
xpiration Date	e of 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
		morgani	acute	chronic	Lead	TVS	TVS
		Ammonio	TVS		Manganese	TVS	TVS
		Ammonia Boron	175	TVS 0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019		Molybdenum		160(T)
				0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	10		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		1 (3(11)
		Phosphorus			Zinc	TVS	TVS
		Sulfate Sulfide		WS	ZIIIC	173	173
le Mainetom	of the Rie Grande from the		ca County line	0.002			
		Hwy 285 crossing to the Rio Grande/Alamo	sa County line.	0.002		Metals (ug/L)	
ORGRG04C	Classifications		sa County line. Biological			Metals (ug/L)	chronic
ORGRG04C Designation	Classifications Agriculture	Hwy 285 crossing to the Rio Grande/Alamo Physical and	sa County line. Biological DM	MWAT	Aluminum	acute	chronic
CORGRG04C Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Hwy 285 crossing to the Rio Grande/Alamo	sa County line. Biological DM WS-II	MWAT WS-II	Aluminum	acute	
CORGRG04C Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C	sa County line. Biological DM	MWAT WS-II chronic	Arsenic	acute 340	
CORGRG04C Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L)	sa County line. Biological DM WS-II acute	MWAT WS-II chronic 5.0	Arsenic Beryllium	acute 340 	0.02(T)
CORGRG04C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH	sa County line. Biological DM WS-II acute	MWAT WS-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	0.02(T) TVS
corgrador Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	0.02(T) TVS TVS
corgraduction Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Sa County line. Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	 0.02(T) TVS TVS
CORGRG04C Designation Reviewable Qualifiers: Other: Temporary Morarsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T)	0.02(T) TVS TVS TVS TVS
corganion Reviewable Qualifiers: Other: Temporary Morarsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
corganion Reviewable Qualifiers: Other: Temporary Morarsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS VS TVS TVS
corganion Reviewable Qualifiers: Other: Temporary Morarsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS T
corganion deviewable dualifiers: other: emporary Morrsenic(chronion	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ORGRG04C esignation eviewable ualifiers: ther: emporary Moresenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
ORGRG04C esignation eviewable ualifiers: ther: emporary Moresenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(T)
eviewable pualifiers: emporary Morsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T)
eviewable pualifiers: emporary Morsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
ORGRG04C esignation eviewable ualifiers: ther: emporary Moresenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS
eviewable pualifiers: emporary Morsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Hwy 285 crossing to the Rio Grande/Alamo Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	sa County line. Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

5. All tributaries to the Rio Grande, including all wetlands, from immediately above the confluence with Willow Creek to Hwy 112 bridge near Del Norte, excluding the listings in segments 6 through 10.

CORGRG05 Classifications Physical and Biological Metals (ug/L)

CORGRG05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emnorary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
rsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
.xp.ii.da.o.ii Ba		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

6. Mainstem of West Willow Creek from immediately above Deerhorn Creek to the Park Regent Mine dump. East Willow Creek from the confluence with Whited Creek to the confluence with West Willow Creek.

CORGRG06	Classifications	Physical and Biolog	gical		M	letals (ug/L)	
Designation	Aq Life Cold 1		DM	MWAT		acute	chronic
Reviewable	Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:			acute	chronic	Arsenic	340	7.6(T)
Other:		D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		1000(T)
		Inorganic (mg	/L)		Lead	TVS	TVS
			acute	chronic	Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury		0.01(T)
		Boron			Molybdenum		
		Chloride			Nickel	TVS	TVS
		Chlorine	0.019	0.011	Selenium	TVS	TVS
		Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate			Uranium		
		Nitrite		0.05	Zinc	TVS	TVS
		Phosphorus		0.11			
		Sulfate			1		
		Sulfide		0.002	1		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

7. Mainstem of West Willow Creek from the Park Regent Mine dump to the confluence with East Willow Creek. Mainstem of Willow Creek, including all tributaries from the confluence of East and West Willow Creeks, to the confluence with the Rio Grande CORGRG07 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Cold 2 Temperature °C CS-II CS-II Aluminum Recreation E 340 acute chronic Arsenic 100(T) Qualifiers: D.O. (mg/L) 6.0 Beryllium D.O. (spawning) 7.0 Cadmium varies* varies* Other: 6.5 - 9.0 рН ---Chromium III TVS **TVS** Temporary Modification(s): chlorophyll a (mg/m²) 150 Chromium III 100(T) ---Cadmium(ac/ch) = varies* E. Coli (per 100 mL) 126 Chromium VI TVS **TVS** Copper(ac/ch) = varies* Copper varies* varies* Lead(ac/ch) = varies* Inorganic (mg/L) Iron 1000(T) Silver(acute) = varies* Lead varies* varies3 Zinc(ac/ch) = varies* acute chronic TVS Manganese varies* varies* Ammonia **TVS** Expiration Date of 12/31/2016 Mercury 0.01(T)0.75 Boron *chlorophyll a (mg/m²)(chronic) = applies only above Molybdenum 160(T) the facilities listed at 36.5(4). Chloride *Phosphorus(chronic) = applies only above the Nickel TVS TVS Chlorine 0.011 facilities listed at 36.5(4). *Cadmium(acute) = See 36.6(4) for temporary 0.005 Selenium TVS **TVS** Cyanide modifications, site-specific standards and Silver varies* **TVS** Nitrate 100 assessment locations. Cadmium(chronic) = See 36.6(4) for temporary 10 Uranium Nitrite modifications, site-specific standards and Zinc varies* Phosphorus ---0.11* varies* assessment locations. *Copper(acute) = See 36.6(4) for temporary Sulfate modifications, site-specific standards and Sulfide 0.002 assessment locations. *Copper(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations. *Lead(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations. *Lead(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations. *Manganese(acute) = See 36.6(4) for site-specific standards and assessment locations. *Manganese(chronic) = See 36.6(4) for site-specific standards and assessment locations. *Silver(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations. *Zinc(acute) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations. *Zinc(chronic) = See 36.6(4) for temporary modifications, site-specific standards and assessment locations. TempMod: Cadmium = See 36.6(4) for temporary modifications and assessment locations. TempMod: Copper = See 36.6(4) for temporary modifications and assessment locations. TempMod: Lead = See 36.6(4) for temporary modifications and assessment locations. TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations. TempMod: Zinc = See 36.6(4) for temporary

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

modifications and assessment locations

	Classifications	tributaries and wetlands, from the source Physical and				Metals (ug/L)	
Designation	-	1.1,0.00.	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
		-	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

t = total Mr = trout S

							gs in segment 1.
CORGRG09	Classifications	Physical and	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s).	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
· ·	re of 12/31/2021				Iron		WS
		Inorga	nic (mg/L)		Iron		1000(T)
*chlorophyll a the facilities lis	(mg/m^2) (chronic) = applies only above sted at 36.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(d	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
facilities listed	at 36.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002		110	170
	of Birms Overall State of the collection of the						
I10 Mainstem	of Pinos Creek Inclining all frinitaries						
	of Pinos Creek, including all tributaries			ith the Rio G	rande.	Metals (ug/L)	
CORGRG10	Classifications	Physical and	d Biological		rande.	Metals (ug/L)	chronic
CORGRG10 Designation	Classifications Agriculture	Physical and	d Biological DM	MWAT		Metals (ug/L) acute	chronic
CORGRG10	Classifications Agriculture Aq Life Cold 1		Biological DM CS-I	MWAT CS-I	Aluminum	acute	
CORGRG10 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	d Biological DM	MWAT CS-I chronic	Aluminum Arsenic		
CORGRG10 Designation	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	d Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	0.02(T)
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
CORGRG10 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS VS 1000(T) TVS TVS WS 0.01(T)
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS VS 1000(T) TVS VS VS 0.01(T) 160(T)
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	d Biological DM CS-I acute 6.5 - 9.0 mic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	d Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
CORGRG10 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	d Biological DM CS-I acute 6.5 - 9.0 mic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGRG11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
- emporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	re of 12/31/2021				Iron		WS
Apiration Da	.C 01 12/01/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002		140	1 7 0
12 Mainetam	of the Dio Grande from the D	Rio Grande/Alamosa County line to the Ol			Coneios County Poad G	\	
CORGRG12	Classifications	Physical and		OI LODAIOS (C	Conejos County Road O	Metals (ug/L)	
Designation	Agriculture	1 11/01000 01110	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E	Temperature 0	acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
-		HqH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		7		120	Copper	TVS	TVS
		inorgan	ic (mg/L)	ahrania	Iron		1000(T)
		A	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS			
		Boron		0.75	Manganese Mercury	TVS 	0.01(T)
		Chloride		0.011	+		
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.5	Silver	TVS	TVS
		Phosphorus			Uranium		
		Sulfate			Zinc	TVS	TVS
		Canaco					

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

ORGRG13	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture	·	DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
ther:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus			Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

14. Mainstems of Dry Pole Creek, Limekiln Creek, Nicomodes Gulch, Raton Creek, and Dry Creek, including all tributaries and wetlands, within the boundaries of the Rio Grande National Forest.

CORGRG14	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

15. All tributa CORGRG15	Classifications	Physical and	Biological			Metals (ug/L)	
Designation		i nysioai ana	DM	MWAT		acute	chronic
JP	Recreation N				Aluminum		
	Water Supply		acute	chronic	Arsenic		0.02-10(T) A
Qualifiers:	117	D.O. (mg/L)		3.0	Beryllium		4.0(T)
Other:		Hq	6.5 - 9.0		Cadmium		5.0(T)
dilei.		chlorophyll a (mg/m²)			Chromium III	50(T)	
		E. Coli (per 100 mL)		630	Chromium VI	50(T)	
		Inorgan	ic (mg/L)		Chromium VI		
		3	acute	chronic	Copper		200(T)
		Ammonia			Iron		WS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese		WS
		Chlorine			Mercury		2.0(T)
		Cyanide	0.2		Molybdenum		160(T)
		Nitrate	10		Nickel		100(T)
		Nitrite		1.0	Selenium		20(T)
		Phosphorus			Silver	100(T)	
					11		
		Sulfate		WS	Uranium		
		Sulfate Sulfide		0.05	Zinc		2000(T)
.6. All tributa	uries to the Rio Grande, including			0.05	Zinc		
		Sulfide	 Wildlife Refuge, ex	0.05	Zinc		
ORGRG16	Classifications	Sulfide g wetlands, within the Alamosa National	 Wildlife Refuge, ex	0.05	Zinc	12.	
ORGRG16 esignation	Classifications	Sulfide g wetlands, within the Alamosa National	 Wildlife Refuge, ex Biological	0.05 xcluding the s	Zinc	12. Metals (ug/L)	2000(T)
ORGRG16 esignation	Classifications Agriculture	Sulfide g wetlands, within the Alamosa National Physical and	 Wildlife Refuge, ex Biological DM	0.05 xcluding the s	Zinc specific listing in segment	12. Metals (ug/L)	2000(T)
ORGRG16 esignation	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and	 Wildlife Refuge, ex Biological DM WS-III	0.05 xcluding the s MWAT WS-III	Zinc specific listing in segment Aluminum	12. Metals (ug/L) acute	2000(T)
esignation P	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C	 Wildlife Refuge, ex Biological DM WS-III acute	0.05 Coluding the s MWAT WS-III chronic	Zinc specific listing in segment Aluminum Arsenic	12. Metals (ug/L) acute 340	2000(T) chronic 100(T)
esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L)	Wildlife Refuge, ex Biological DM WS-III acute	0.05 MWAT WS-III chronic 5.0	Zinc specific listing in segment Aluminum Arsenic Beryllium	12. Metals (ug/L) acute 340	2000(T) chronic 100(T)
esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH	Wildlife Refuge, ex Biological DM WS-III acute 6.5 - 9.0	0.05 Kcluding the s MWAT WS-III chronic 5.0	Zinc Specific listing in segment Aluminum Arsenic Beryllium Cadmium	12. Metals (ug/L) acute 340 TVS	2000(T) chronic 100(T) TVS
esignation P	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Wildlife Refuge, ex Biological DM WS-III acute 6.5 - 9.0	0.05 Coluding the second was a second with the second was a second with the second was a second with the second was a second with the second was a second with the second was a second was a second with the second was a second was a second was a second with the second was a seco	Zinc specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III	12. Metals (ug/L) acute 340 TVS TVS	2000(T) chronic 100(T) TVS TVS
esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Wildlife Refuge, example Biological DM WS-III acute 6.5 - 9.0	0.05 Coluding the second was a second with the second was a second with the second was a second with the second was a second with the second was a second with the second was a second was a second with the second was a second was a second was a second with the second was a seco	Zinc specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III	12. Metals (ug/L) acute 340 TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T)
esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Wildlife Refuge, example of the second of th	0.05 MWAT WS-III chronic 5.0 150 126	Zinc pecific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	12. Metals (ug/L) acute 340 TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS
esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Wildlife Refuge, ex Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-III chronic 5.0 150 126 chronic	Zinc Specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS
ORGRG16 esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	Wildlife Refuge, ex Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	0.05 MWAT WS-III chronic 5.0 150 126 chronic	Zinc specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T)
ORGRG16 esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Wildlife Refuge, exemples Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	0.05 MWAT WS-III chronic 5.0 150 126 chronic TVS 0.75	Zinc Specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
CORGRG16 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Wildlife Refuge, exemples Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	0.05 MWAT WS-III chronic 5.0 150 126 chronic TVS 0.75	Zinc Specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
esignation P ualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Wildlife Refuge, example of the second of th	0.05 MWAT WS-III chronic 5.0 150 126 chronic TVS 0.75 0.011	Zinc pecific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(T)
esignation P	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Wildlife Refuge, e: Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	0.05 MWAT WS-III Chronic 150 126	Zinc pecific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(T) 160(T)
CORGRG16 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Wildlife Refuge, example of the second o	0.05 MWAT WS-III chronic 5.0 150 126 Chronic TVS 0.75 0.011	Zinc specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(T) 160(T) TVS
CORGRG16 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Sulfide g wetlands, within the Alamosa National Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Wildlife Refuge, ex Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	0.05 MWAT WS-III Chronic 5.0 150 126 Chronic TVS 0.75 0.011 0.05	Zinc specific listing in segment Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	12. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	2000(T) chronic 100(T) TVS TVS 100(T) TVS TVS 0.01(T) 160(T) TVS TVS

tr = trout

CORGRG17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(T)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

18. All wetlands tributary to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the specific listings in segments 16, 17, 19, 20a, 21a, 21b, 23a, 25, 28, 30 and 31.

CORGRG18	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Fish Ingestio	n	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(T)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

CORGRG19	Classifications	Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture		,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)			126	Copper	TVS	TVS
expiration Dat	te of 12/31/2021					Iron		WS
		li	norganic (mg/	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(T)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.11	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
20a. Mainster	m of Cat Creek, including all trib	outaries and wetlands, from the so	ource to the Ric	o Grande Na	ational Fores	t boundary.		
CORGRG20A	Classifications	Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	10/31 - 4/30	13	9	Aluminum		
	Recreation E	Temperature °C	5/1 - 9/30	21.7	17	Arsenic	340	7.6
Qualifiers:						Beryllium		100(T)
Other:		()		acute	chronic	Cadmium	TVS(tr)	TVS
		D.O. (mg/L)			6.0	Chromium III	TVS	TVS
		D.O. (spawning)			7.0	Chromium III		100(T)
		pH		6.5 - 9.0		Chromium VI	TVS	TVS
		chlorophyll a (mg/m²)				Copper	TVS	TVS
					150		173	
		E. Coli (per 100 mL)			150	Iron		1000(T)
		E. Coli (per 100 mL)				Iron Lead	 TVS	TVS
		E. Coli (per 100 mL)	norganic (mg/l	 L)	126	Iron Lead Manganese	TVS TVS	TVS TVS
		E. Coli (per 100 mL)	norganic (mg/l	L) acute	126	Iron Lead Manganese Mercury	TVS TVS	TVS TVS 0.01(T)
		E. Coli (per 100 mL)	norganic (mg/l	 L)	chronic TVS	Iron Lead Manganese Mercury Molybdenum	 TVS TVS 	TVS TVS 0.01(T) 160(T)
		E. Coli (per 100 mL) II Ammonia Boron	norganic (mg/l	L) acute	chronic TVS 0.75	Iron Lead Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS
		E. Coli (per 100 mL) II Ammonia Boron Chloride	norganic (mg/l	L) acute TVS	chronic TVS 0.75	Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS
		E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine	norganic (mg/	acute TVS 0.019	chronic TVS 0.75	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	 TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS
		E. Coli (per 100 mL) II Ammonia Boron Chloride	norganic (mg/l	L) acute TVS	chronic TVS 0.75	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS(tr)
		E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/l	acute TVS 0.019	126 chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS
		E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/l	acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS(tr)
		E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS(tr)
		E. Coli (per 100 mL) II Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/	TVS 0.019 0.005	126 chronic TVS 0.75 0.011 0.05	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

しいけいしいこういい		Grande National Forest boundary to the Te	Dielegies			Motele (v.:://)	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese		WS
		Boron		0.75	Mercury		0.01(T)
		Chloride			Molybdenum		160(T)
		Chlorine		0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate			ĺ		
		Sulfide		0.002			
21a. Mainster	m of Ute Creek, including all tr	ributaries and wetlands, from the source to	the crossing at 37	.50 oN latitud	de (WGS84).		
CORGRG21A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	MWAT CS-I	Aluminum		chronic
		Temperature °C			Aluminum Arsenic	acute	
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	_	acute	
Reviewable	Aq Life Cold 1 Recreation E		CS-I acute	CS-I chronic	Arsenic	acute	0.02(T)
Designation Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Reviewable Qualifiers: Other: Temporary M	Aq Life Cold 1 Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS VS TVS TVS TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T)
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Aq Life Cold 1 Recreation E Water Supply Modification(s): hic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

21b. Mainsten	ii oi ote cicck, iiiciddii g dii tiibdtaiic		. 000g at 00	o or viamuad	(J HWY 100.		
	Classifications		cal and Biolog				Metals (ug/L)	
Designation	Agriculture		•	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	10/31 - 5/31	CS-I	CS-I	Aluminum		
	Recreation E	Temperature °C	6/30 - 9/30	22.3	17	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Temporary Mo	odification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chroni		рН		6.5 - 9.0		Copper	TVS	TVS
	te of 12/31/2021	chlorophyll a (mg/m²)			150	Iron		WS
Expiration Bat		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
		ı	norganic (mg/	L)		Manganese	TVS	TVS
				acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(T)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.11			
		Sulfate			WS			
		Sulfide			0.002			
22. Mainstem	of Ute Creek from Hwy 160 to the co		risto Creek.		0.002			
	Classifications		al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT			
Reviewable	1				IVIVVAI		acute	chronic
'	Aq Life Cold 2	Temperature °C		CS-II	CS-II	Aluminum	acute 	chronic
l i	Aq Life Cold 2 Recreation E	Temperature °C		CS-II acute		Aluminum Arsenic		chronic 0.02-10(T) A
	· ·	Temperature °C D.O. (mg/L)			CS-II	_		
Qualifiers:	Recreation E	·		acute	CS-II chronic	Arsenic	340	 0.02-10(T) ^A
Qualifiers:	Recreation E	D.O. (mg/L)		acute 	CS-II chronic 6.0	Arsenic Beryllium	 340 	0.02-10(T) ^A
	Recreation E	D.O. (mg/L) D.O. (spawning)		acute 	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	 0.02-10(T) ^A TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH		acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	 0.02-10(T) A TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)		acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	 0.02-10(T) A TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 TVS(tr) 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS TVS WS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	acute 6.5 - 9.0 L) acute	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	 340 TVS(tr) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T)
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/	acute 6.5 - 9.0 L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	norganic (mg/	acute 6.5 - 9.0 L) acute TVS	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T)
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	norganic (mg/	acute 6.5 - 9.0 L) acute TVS 0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T)
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/	acute 6.5 - 9.0 L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	norganic (mg/	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/	acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

		ncluding all tributaries and wetla			TOS, EXCIUUI	Ing the specific listings in		
	A Classifications	Phys	ical and Biologi				Metals (ug/L)	
Designation	- ·			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)			6.0	Beryllium		
Other:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
		pH		6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			150	Chromium III		100(T)
		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
			Inorganic (mg/			Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Mercury		0.01(T)
		Chloride				Molybdenum		160(T)
		Chlorine		0.019	0.011	Nickel	TVS	TVS
		Cyanide		0.005		Selenium	TVS	TVS
		Nitrate		100		Silver	TVS	TVS(tr)
		Nitrite			0.05	Uranium		
		Phosphorus			0.11	Zinc	TVS	TVS
		Sulfate						
		Sulfide			0.002			
	m of Sangre de Cristo Creek fro	om a point immediately below the	e confluence wit		eek to Hwy 1	59.	Metals (ug/L)	
Designation		Filys	icai and biologi	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	10/31 - 4/30	14.7	9	Aluminum		
cviewabie	Recreation E	Temperature °C	5/1 - 9/30	25.3	19	Arsenic	340	7.6(T)
ualifiers:	rtooroadon E	Temperature C	3/1 - 3/30	23.3	13	Beryllium	340	7.0(1)
-				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	TVS	TVS
		D.O. (spawning)			7.0	Chromium III		100(T)
		pH		6.5 - 9.0		Chromium VI	TVS	TVS
		chlorophyll a (mg/m²)			150	Copper	TVS	TVS
		omorophym a (mg/m/)				Соррсі	1 7 3	1 4 5
		F Coli (per 100 ml.)				Iron		1000(T)
		E. Coli (per 100 mL)			126	Iron	 TVS	1000(T)
		E. Coli (per 100 mL)	Inorgania (mg/			Lead	TVS	TVS
		E. Coli (per 100 mL)	Inorganic (mg/	 L)	126	Lead Manganese	TVS TVS	TVS TVS
			Inorganic (mg/	L) acute	126	Lead Manganese Mercury	TVS TVS 	TVS TVS 0.01(T)
		Ammonia	Inorganic (mg/	L) acute TVS	chronic TVS	Lead Manganese Mercury Molybdenum	TVS TVS 	TVS TVS 0.01(T) 160(T)
		Ammonia Boron	Inorganic (mg/	L) acute TVS	chronic TVS 0.75	Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS
		Ammonia Boron Chloride	Inorganic (mg/	L) acute TVS	chronic TVS 0.75	Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS
		Ammonia Boron Chloride Chlorine	Inorganic (mg/	L) acute TVS 0.019	126 chronic TVS 0.75 0.011	Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS
		Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS TVS(tr)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05	Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS TVS(tr)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/	L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05 0.11	Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS TVS(tr)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05	Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 0.01(T) 160(T) TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGRG24	Classifications	m Hwy 159 to the inlet of Smith Reservoi Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(T)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate			1		
		Sulfide		0.002			
25. Mainstem	of Trinchera Creek including a	all tributaries and wetlands, from the sour	ce to the inlet of Mo	ountain Home	e Reservoir.		
ORGRG25	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	MWAT CS-I	Aluminum	acute	chronic
	Aq Life Cold 1 Recreation E	Temperature °C			Aluminum Arsenic		
eviewable	Aq Life Cold 1	Temperature °C D.O. (mg/L)	CS-I	CS-I			
reviewable	Aq Life Cold 1 Recreation E	·	CS-I acute	CS-I chronic	Arsenic		
Reviewable Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	0.02(T)
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	0.02(T) TVS
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	 0.02(T) TVS TVS
eviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
eviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS WS 1000(T)
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS 	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
eviewable ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
eviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(T)
eviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS WS 1000(T) TVS WS 0.01(T)
Reviewable Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
Reviewable Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS
Designation Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

26. Mainstem	of Trinchera Creek from the	outlet of Mountain Home Reservoir to the	Rio Grande.				
CORGRG26	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(T)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
27. Deleted.							
CORGRG27	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	=		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			

tr = trout

CORGRG28	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary N	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	ate of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
29 Mainsten	n of Rito Seco from the outlet o	of Salzar Reservoir to the confluence with	Culebra Creek				
ORGRG29		Physical and				Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
	Agriculture					acute	Cilionic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
eviewable	⊣ ~	Temperature °C			Aluminum Arsenic		
eviewable	Aq Life Cold 2	Temperature °C D.O. (mg/L)	CS-II	CS-II	_		
	Aq Life Cold 2 Recreation E	·	CS-II acute	CS-II chronic	Arsenic	340	
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L)	CS-II acute	CS-II chronic 6.0	Arsenic Beryllium	 340 	0.02-10(T) [/]
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning)	CS-II acute 	chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	 0.02-10(T) ' TVS
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	 340 TVS(tr) 50(T)	 0.02-10(T) ' TVS TVS
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	340 TVS(tr) 50(T) TVS	0.02-10(T) TVS TVS TVS
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS	0.02-10(T) TVS TVS TVS TVS WS
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T)
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	 340 TVS(tr) 50(T) TVS TVS	0.02-10(T) // TVS TVS TVS TVS TVS WS
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(T)
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS WS 1000(T) TVS WS 0.01(T)
ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T)
Qualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS TVS
)ualifiers:	Aq Life Cold 2 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

30. Mainstem of Culebra Creek, including all tributaries and wetlands, from the source to the Culebra Sanchez Canal diversion, excluding the specific listings in segment 31. East Fork and West Fork of Costilla Creek, including all tributaries and wetlands, within Colorado.

CORGRG30	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temnorary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
zapii adon za	0 0 12 02 202 2	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

31. Mainstem of Culebra Creek from the Sanchez Canal Diversion to Hwy 159. Mainstem of Ventero Creek from the Colorado/New Mexico border to the confluence with Culebra Creek. Mainstem of Costilla Creek, including all tributaries and wetlands within Colorado, excluding the spefic listings for the East and West Forks in segment 30.

CORGRG31	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
`	te of 12/31/2021				Iron		WS
•		Inorganic (n	ng/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(facilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
iaciiiles iisleu	at 30.3(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

CORGRG32	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
DW WC	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus((chronic) = applies only to lakes and				Iron		WS
eservoirs larç	ger than 25 acres surface area.	Inorga	nic (mg/L)		Iron		1000(T)
		. 5	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Junate					
eservoirs trib	and reservoirs tributary to the Rio Grand outary to San Francisco Creek from the	source to a point immediately b	 12 bridge near Del I elow the confluence	0.002 Norte, exclud	ling the specific listings in	n segments 32 and 38.	
eservoirs trib	outary to San Francisco Creek from the Classifications	de from the source to the Hwy 1	 .12 bridge near Del I elow the confluence I Biological	0.002 Norte, exclude with Spring	ling the specific listings in	n segments 32 and 38. Metals (ug/L)	All lakes and
eservoirs trib CORGRG33 Designation	outary to San Francisco Creek from the Classifications Agriculture	de from the source to the Hwy 1 source to a point immediately b	 .12 bridge near Del l elow the confluence l Biological DM	0.002 Norte, exclude with Spring	ling the specific listings ir Branch.	n segments 32 and 38. Metals (ug/L) acute	All lakes and
eservoirs trib CORGRG33 Designation	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1	de from the source to the Hwy 1 source to a point immediately b	12 bridge near Del I elow the confluence I Biological DM CL	0.002 Norte, exclude with Spring MWAT CL	ling the specific listings ir Branch. Aluminum	Metals (ug/L) acute	All lakes and chronic
eservoirs trib CORGRG33 Designation	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	 .12 bridge near Del l elow the confluence l Biological DM	0.002 Norte, exclude with Spring MWAT CL chronic	ling the specific listings in Branch. Aluminum Arsenic	n segments 32 and 38. Metals (ug/L) acute	All lakes and chronic
concession of the concession o	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1	D.O. (mg/L)	12 bridge near Del lelow the confluence I Biological DM CL acute	0.002 Norte, excluce with Spring MWAT CL chronic 6.0	ling the specific listings in Branch. Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
reservoirs trib CORGRG33 Designation Reviewable	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	12 bridge near Del lelow the confluence l Biological DM CL acute	0.002 Norte, exclude with Spring MWAT CL chronic	ling the specific listings in Branch. Aluminum Arsenic	Metals (ug/L) acute	chronic 0.02(T) TVS
ceservoirs trib CORGRG33 Designation Reviewable Qualifiers:	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	12 bridge near Del lelow the confluence I Biological DM CL acute	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0	ling the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS
reservoirs trib CORGRG33 Designation Reviewable Qualifiers:	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	12 bridge near Del lelow the confluence l Biological DM CL acute	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8*	ling the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning)	12 bridge near Del I elow the confluence I Biological DM CL acute 6.5 - 9.0	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS TVS TVS
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)		0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS WS
reservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	12 bridge near Del I elow the confluence I Biological DM CL acute 6.5 - 9.0	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8*	Iling the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS SVS 1000(T) TVS
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	12 bridge near Del I elow the confluence I Biological DM CL acute 6.5 - 9.0 nic (mg/L)	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8* 126	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	m segments 32 and 38. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	12 bridge near Del I elow the confluence I Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8* 126 chronic	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS STVS TVS TVS WS 1000(T) TVS WS
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	12 bridge near Del lelow the confluence Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	0.002 Norte, excluce with Spring MWAT CL chronic 6.0 7.0 8* 126 chronic TVS	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS STVS TVS TVS STVS STVS ST
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgal Ammonia Boron	12 bridge near Del lelow the confluence lelow the confluence lelow the confluence lelow the confluence lelow the confluence DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	m segments 32 and 38. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS TVS US 1001(T) TVS
eservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	12 bridge near Del I elow the confluence I Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS TVS US TVS TVS TVS
reservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	12 bridge near Del I elow the confluence I Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	m segments 32 and 38. Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS TVS US 0.01(T) 160(T) TVS
reservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: Theorem (Phosphorus)	cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide	12 bridge near Del lelow the confluence lelow the confluence lelow the confluence lelow the confluence lelow the confluence DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	0.002 Norte, excluce with Spring MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
reservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: rechlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be a physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate	12 bridge near Del lelow the confluence lelow t	0.002 Norte, excluce with Spring MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS TVS TVS
reservoirs trib CORGRG33 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(cutary to San Francisco Creek from the Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area. (chronic) = applies only to lakes and	Deferom the source to the Hwy 1 source to a point immediately be a physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	12 bridge near Del lelow the confluence lelow t	0.002 Norte, exclude with Spring MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05	Ing the specific listings in Branch. Aluminum Arsenic Beryllium Cadmium Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Netals (ug/L)	Chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS VS 0.01(T) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

34. All lakes and reservoirs tributary to Dry Pole Creek, Limekiln Creek, Nicomodes Gulch, Raton Creek, or Dry Creek, and within the boundaries of the Rio Grande National Forest. All lakes and reservoirs tributary to Rock Creek from the source to the Monte Vista Canal.

CORGRG34	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture	·	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larç	ger than 25 acres surface area.	Inorganic	(mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

35. All lakes and reservoirs tributary to the Rio Grande from the Hwy 112 bridge near Del Norte to the Colorado/New Mexico border, excluding the specific listings in segments 34, 36, 37, 38 and 39.

CORGRG35	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Fish Ingestio	n	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and		acute	chronic	Copper	TVS	TVS
reservoirs larg	ger than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(T)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

36. All lakes and reservoirs tributary to Ute Creek from the source to Hwy 160. All lakes and reservoirs tributary to Sangre de Cristo Creek, from the source to Hwy 159. All lakes and reservoirs tributary to Trinchera Creek from the source to the inlet of Mountain Home Reservoir. All lakes and reservoirs tributary to Rito Seco from the source to Salzar Reservoir. All lakes and reservoirs tributary to Culebra Creek from the source to Hwy 159 excluding the specific listing in segment 37. All lakes and reservoirs tributary to Costilla Creek, and within Colorado.

CORGRG36	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
	(- // \	chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Iron		WS
reservoirs lary	er triair 25 acres surface area.	Inorganic	(mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
37. Sanchez F	Reservoir.						
	Reservoir. Classifications	Physical and Bi	ological			Metals (ug/L)	
CORGRG37		Physical and Bi	ological DM	MWAT		Metals (ug/L)	chronic
CORGRG37	Classifications Agriculture Aq Life Warm 1	Physical and Bi		MWAT WL	Aluminum		chronic
CORGRG37 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	-	DM		Aluminum Arsenic	acute	chronic 0.02(T)
CORGRG37 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L)	DM WL	WL		acute	
CORGRG37 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH	DM WL acute	WL chronic	Arsenic	acute 340	 0.02(T)
CORGRG37 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L)	DM WL acute	WL chronic 5.0	Arsenic Beryllium	acute 340 	0.02(T)
CORGRG37 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	WL chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	 0.02(T) TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute 6.5 - 9.0	WL chronic 5.0 20*	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	 0.02(T) TVS TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0 20*	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	 0.02(T) TVS TVS TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 (mg/L)	WL chronic 5.0 20* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	DM WL acute 6.5 - 9.0 (mg/L) acute	WL chronic 5.0 20* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	DM WL acute 6.5 - 9.0 (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WL acute 6.5 - 9.0 (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 (mg/L) acute TVS 0.019	WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T)
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T)
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS
CORGRG37 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.05 0.083*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(T) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum wool

MWAT = maximum weekly average temperature

CORGRG38	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs iarg	ger than 25 acres surface area.	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

tr = trout

CORGAL01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

2. Mainstem of the Alamosa River, including all tributaries and wetlands, from the source to immediately above the confluence with Alum Creek, except for specific listings in segments 1, 4a, and 4b.

CORGAL02	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

CORGAL03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		varies*
	Recreation E		acute	chronic	Aluminum	varies*	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic	340	100(T)
ther:		D.O. (spawning)		7.0	Beryllium		
		рН	varies*		Cadmium	TVS(tr)	TVS
Aluminum(ac		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
	3,886(T) from 5/1-6/30 d 21,036(T) from 7/1-4/30	E. Coli (per 100 mL)		126	Chromium III		100(T)
Aluminum(ch	nronic) = .,157(T) from 5/1-6/30				Chromium VI	TVS	TVS
	id 3,026(T) from 7/1-4/30	Inorgan	ic (mg/L)		Copper	TVS	
oH(acute) = 4 .73-9.0 from	4.0-9.0 from 3/1-5/31 6/1 - 8/31		acute	chronic	Iron		12000(T)
.94-9.0 from	9/1-11/31	Ammonia	TVS	TVS	Lead	TVS	TVS
.52 - 9.0 fron	n 12/1-2/29	Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate			Zinc	TVS	TVS
b. Mainstem	of the Alamosa River from imme	Sulfide ediately above the confluence with the	 Wightman Fork to i	0.002 immediately a	above the confluence with	n Fern Creek.	
	of the Alamosa River from imme		Wightman Fork to i		above the confluence with	n Fern Creek. Metals (ug/L)	
CORGAL03B Designation		ediately above the confluence with the	Wightman Fork to i		above the confluence with		chronic
ORGAL03B Designation	Agriculture Aq Life Cold 1	ediately above the confluence with the	Wightman Fork to i Biological	immediately a	above the confluence with	Metals (ug/L)	chronic varies*
ORGAL03B Designation	Classifications Agriculture	ediately above the confluence with the Physical and	Wightman Fork to i Biological DM	immediately a		Metals (ug/L)	
ORGAL03B esignation	Agriculture Aq Life Cold 1	ediately above the confluence with the Physical and	Wightman Fork to i Biological DM CS-I	mmediately a	Aluminum	Metals (ug/L) acute	varies*
ORGAL03B designation IP Qualifiers:	Agriculture Aq Life Cold 1	rediately above the confluence with the Physical and Temperature °C	Wightman Fork to i Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Aluminum	Metals (ug/L) acute varies*	varies*
corgalos esignation P qualifiers:	Agriculture Aq Life Cold 1 Recreation E	rediately above the confluence with the Physical and Temperature °C D.O. (mg/L)	Wightman Fork to i Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Aluminum Arsenic	Metals (ug/L) acute varies*	varies*
corgalos pesignation pesignation penalifiers: pualifiers: other: Aluminum(ac 9 ug/L and 4	Agriculture Aq Life Cold 1 Recreation E sute) = ,556(T) from 5/1-6/30	D.O. (spawning) privately above the confluence with the physical and confluence with the physical	Wightman Fork to i Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute varies* 340	varies* 7.6(T) TVS TVS
corgalos pesignation pp qualifiers: other: Aluminum(ac 9 ug/L and 4 41 ug/L and	Agriculture Aq Life Cold 1 Recreation E cute) = .556(T) from 5/1-6/30 TVS(T) from 7/1-4/30	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute varies* 340 TVS(tr)	7.6(T) TVS
Designation Desig	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (spawning) privately above the confluence with the physical and confluence with the physical	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS
corgalos pesignation pualifiers: other: Aluminum(ac 9 ug/L and 4 41 ug/L and Aluminum(ch 1 ug/L and 1	Agriculture Aq Life Cold 1 Recreation E cute) = .,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) =	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute varies* 340 TVS(tr) TVS	varies* 7.6(T) TVS TVS 100(T)
Designation Desig	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L)	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T)
Designation Desig	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS
corgalos pesignation pualifiers: other: Aluminum(ac 9 ug/L and 4 41 ug/L and Aluminum(ch 1 ug/L and 1	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L)	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS
ORGAL03B esignation P ualifiers: ther: Aluminum(ac 9 ug/L and 4 41 ug/L and Aluminum(ch	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L)	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t)
ORGAL03B esignation P ualifiers: ther: Aluminum(ac 9 ug/L and 4 41 ug/L and Aluminum(ch	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t) 160(T)
ORGAL03B esignation P ualifiers: ther: Aluminum(ac 9 ug/L and 4 41 ug/L and Aluminum(ch	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t) 160(T) TVS
orgalose organismos or	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	mmediately a MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t) 160(T) TVS
orgalose organismos or	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	mmediately a MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t) 160(T) TVS
CORGAL03B Designation JP Qualifiers: Other: Aluminum(ac 9 ug/L and 4 '41 ug/L and 4 Aluminum(ch 1 ug/L and 1	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-I Chronic 6.0 7.0 126 Chronic TVS 0.75 0.011	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS
corgalos pesignation pualifiers: other: Aluminum(ac 9 ug/L and 4 41 ug/L and Aluminum(ch 1 ug/L and 1	Agriculture Aq Life Cold 1 Recreation E cute) = ,556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ironic) = ,246(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS- Chronic 6.0 7.0 126 Chronic TVS 0.75 0.011 0.05 Chronic Chro	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 30 12000(T) TVS TVS 0.01(t) 160(T) TVS

T = total recoverable t = total

verable DM = daily maximum

tr = trout

3c. Mainstem	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture	Priysical and	DM	MWAT		acute	chronic
JP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		varies*
	Recreation E	Temperature C	acute	chronic	Aluminum	varies*	varies
)ualifiers:	Tredication E	D.O. (mg/L)		6.0			
-				7.0	Arsenic	340	7.6(T)
Other:		D.O. (spawning)	6.5 - 9.0	7.0	Beryllium	T\/C(+x)	T) (C
Aluminum(acı	ute) =		0.5 - 9.0	150	Cadmium	TVS(tr)	TVS
865 ug/L and 6	6,729(T) from 5/1-6/30	chlorophyll a (mg/m²) E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
os ug/∟ anu i Aluminum(chr	TVS(T) from 7/1-4/30 ronic) =	E. Coli (per 100 IIIL)		120	Chromium III		100(T)
	973(T) from 5/1-6/30 2,232(T) from 7/1-4/30		. ,		Conner	TVS	TVS
.90 ug/L anu 2	2,232(1) 110111 1/1-4/30	Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		12000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide					
		Juniue		0.002			
		ediately below the confluence with Ran	ger Creek to the inl		Reservoir.	Madala (cod)	
CORGAL03D	Classifications		ger Creek to the inl	et of Terrace	Reservoir.	Metals (ug/L)	ab va via
CORGAL03D Designation	Classifications Agriculture	rediately below the confluence with Ran- Physical and	ger Creek to the inl Biological DM	et of Terrace		acute	
CORGAL03D Designation	Classifications Agriculture Aq Life Cold 1	ediately below the confluence with Ran	ger Creek to the inle Biological DM CS-I	et of Terrace MWAT CS-I	Aluminum	acute 	varies*
CORGAL03D Designation Reviewable	Classifications Agriculture	Physical and Temperature °C	ger Creek to the inle Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Aluminum	acute varies*	varies*
CORGAL03D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	ger Creek to the inle Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Aluminum Arsenic	acute 	varies* 7.6(T)
CORGAL03D Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning)	ger Creek to the inle Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Aluminum Arsenic Beryllium	acute varies* 340	varies* 7.6(T)
CORGAL03D Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Aluminum Arsenic Beryllium Cadmium	acute varies* 340 TVS(tr)	varies* 7.6(T) TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(act 7 ug/L and 6,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III	acute varies* 340	varies* 7.6(T) TVS TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(act 7 ug/L and 6,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30	Temperature °C D.O. (mg/L) D.O. (spawning) pH	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	acute varies* 340 TVS(tr) TVS	varies* 7.6(T) TVS TVS 100(T)
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 7 ug/L and 6, 4 ug/L and 1, 4 ug/L and 1, 4 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute varies* 340 TVS(tr) TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 7 ug/L and 6, 4 ug/L and 1, 4 ug/L and 1, 4 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) =	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute varies* 340 TVS(tr) TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and 7, 44 ug/L and 1, 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute varies* 340 TVS(tr) TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS TVS 12000(T)
corgalo3D Designation Reviewable Qualifiers: Other: Aluminum(act, 17 ug/L and 15, 14 ug/L and T\ Aluminum(chr, 14 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and T) Aluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute varies* 340 TVS(tr) TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS TVS 12000(T) TVS TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and T) Aluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS 12000(T) TVS TVS 0.01(t)
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and T) Aluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS 12000(T) TVS 0.01(t) 160(T)
CORGAL03D Designation Reviewable Qualifiers: Other: FAluminum(act 77 ug/L and 71 FAluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS 12000(T) TVS TVS 0.01(t)
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and T) Aluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS 12000(T) TVS 0.01(t) 160(T)
CORGAL03D Designation Reviewable Qualifiers: Other: FAluminum(act 77 ug/L and 71 FAluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	mwat CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS TVS 0.01(t) 160(T) TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and f) Aluminum(chr 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	mwat CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 12000(T) TVS TVS 0.01(t) 160(T) TVS
CORGAL03D Designation Reviewable Qualifiers: Other: Aluminum(acu 77 ug/L and 7, 44 ug/L and 1, 74 ug/L and 1,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) = 721(T) from 5/1-6/30	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ger Creek to the inle Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	### CS-I Chronic 6.0 7.0 126 Chronic TVS	Aluminum Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	varies* 7.6(T) TVS TVS 100(T) TVS 12000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

JURGAL04A	listings in segment 4b.		Distanted		1	Matala (m. #)	
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
IP	Recreation E				Aluminum		
ualifiers:			acute	chronic	Arsenic		
Other:		D.O. (mg/L)			Beryllium		
		pH	2.5-9.0		Cadmium		
		chlorophyll a (mg/m²)		150	Chromium III		
		E. Coli (per 100 mL)		126	Chromium VI		
		Inorgan	ic (mg/L)		Copper		
			acute	chronic	Iron		
		Ammonia			Lead		
		Boron			Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		
		Cyanide			Nickel		
		Nitrate			Selenium		
		Nitrite			Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		
		Sulfide					
b. Mainstem	of Iron Creek from the source	to immediately above the confluence wit	h South Mountain C	Creek, includi	ng all tributaries and wet	ands.	
ORGAL04B	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
					1,	T) (C	TVS
			acute	chronic	Lead	TVS	1 4 5
		Ammonia	acute TVS	chronic TVS	Manganese	TVS	TVS
		Ammonia Boron					
			TVS	TVS	Manganese	TVS	TVS 0.01(t)
		Boron Chloride	TVS 	TVS 0.75	Manganese Mercury	TVS 	TVS
		Boron Chloride Chlorine	TVS 0.019	TVS 0.75 0.011	Manganese Mercury Molybdenum	TVS TVS	TVS 0.01(t) 160(T) TVS
		Boron Chloride Chlorine Cyanide	TVS 0.019 0.005	TVS 0.75 0.011	Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS 0.01(t) 160(T) TVS TVS
		Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005 100	TVS 0.75 0.011 	Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS 0.01(t) 160(T) TVS TVS TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS 0.019 0.005 100	TVS 0.75 0.011 0.05	Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS	TVS 0.01(t) 160(T) TVS TVS TVS TVS(tr)
		Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005 100	TVS 0.75 0.011 	Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

		urce to the west line of S30, T37N, R4E, i		ies and Wella	alius.	Matala (v:=//)	
CORGAL05	Classifications	Physical and	<u>_</u>	MANAZAT	-	Metals (ug/L)	ahrania
Designation Reviewable	Agriculture	T	DM	MWAT	A la como ino como	acute	chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiara	Recleation	D.O. (2007/1)	acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
6. Mainstem o	of Wightman Fork from the we	est line of S30, T37N, R4E to the confluen	ce with the Alamos	a River.			
CORGAL06	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
JP	Recreation E				Aluminum		
ualifiers:			acute	chronic	Arsenic		
ther:		D.O. (mg/L)			Beryllium		
		рН			Cadmium		
		chlorophyll a (mg/m²)		150	Chromium III		
		E. Coli (per 100 mL)		126	Chromium VI		
		Inorgan	ic (mg/L)		Copper		
			acute	chronic	Iron		
		Ammonia			Lead		
		Boron			Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		
		Cyanide			Nickel		
		Nitrate			Selenium		
		Nitrite			Silver		
		Phosphorus			Uranium		
		Sulfate			Zinc		
		Juliale			1-110		
		Sulfide					

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

7. Jasper Cree		,					
CORGAL07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium		1(T)
		pН	5.5-9.0		Chromium III		100(T)
		chlorophyll a (mg/m²)		150	Chromium VI		25(T)
		E. Coli (per 100 mL)		126	Copper		90(T)
					Iron		3400(T)
		Inorgar	nic (mg/L)		Lead		4(T)
			acute	chronic	Manganese		1000(T)
		Ammonia	TVS	TVS	Mercury		0.05(T)
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel		5(T)
		Chlorine	0.019	0.011	Selenium		20(T)
		Cyanide	0.005		Silver		0.1(T)
		Nitrate	100		Uranium		
		Nitrite		0.05	Zinc		170(T)
		Phosphorus		0.11			
		Sulfate					
		Sulfide		0.002			
8. Terrace Re	servoir.						
CORGAL08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CLL	CLL	Aluminum	varies*	varies*
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
		D.O. (mg/L)		0.0	,		
Fish Ingestio	n	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	n					TVS(tr)	
Other:		D.O. (spawning)		7.0	Cadmium		TVS
Other:	(ug/L)(chronic) = applies only to lakes	D.O. (spawning) pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS	TVS TVS
Other: *chlorophyll a and reservoirs *Phosphorus(o	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (spawning) pH chlorophyll a (ug/L)	 6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium III	TVS	TVS TVS 100(T)
Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area.	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium III Chromium VI	TVS TVS	TVS TVS 100(T) TVS
Other: Techlorophyll a and reservoirs (Phosphorus) (Peservoirs larger Aluminum (acustandards and	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific assessment locations.	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	 6.5 - 9.0 nic (mg/L)	7.0 8* 126	Cadmium Chromium III Chromium III Chromium VI Copper	TVS TVS TVS	TVS TVS 100(T) TVS TVS
Other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(acistandards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 8*	Cadmium Chromium III Chromium III Chromium VI Copper Iron	TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T)
Other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(acistandards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific assessment locations.	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 nic (mg/L)	7.0 8* 126 chronic	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS
Other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(acistandards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute TVS	7.0 8* 126 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Other: rechlorophyll a and reservoirs rephosphorus(ceservoirs large Aluminum(acistandards and reluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 nic (mg/L) acute TVS	7.0 8* 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Manganese	TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 200(T)
Other: rechlorophyll a and reservoirs rephosphorus(ceservoirs large Aluminum(acistandards and reluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS	7.0 8* 126 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t)
Other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(acistandards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	7.0 8* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T)
and reservoirs *Phosphorus(oreservoirs larg *Aluminum(acostandards and *Aluminum(chostandards)	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019	7.0 8* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS
Other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(acistandards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	7.0 8* 126 chronic TVS 0.75 0.011 0.05	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS TVS
other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(aci standards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	7.0 8* 126 Chronic TVS 0.75 0.011 0.05 0.025*	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS TVS TVS TVS
Other: *chlorophyll a and reservoirs *Phosphoruslarg *Aluminum(acistandards and *Aluminum(chi	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ler than 25 acres surface area. ute) = See 36.6(4) for site-specific lassessment locations. ronic) = See 36.6(4) for site-specific	D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	7.0 8* 126 chronic TVS 0.75 0.011 0.05	Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGAL09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
P	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	TVS(T)	TVS(T)
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		6.0	Beryllium		
ther:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
0. Mainstem	of the Alamosa River from H	wy 15 (Gunbarrel Road) to its point of fina	I diversion.				
ORGAL10	Classifications	wy 15 (Gunbarrel Road) to its point of fina Physical and	Biological			Metals (ug/L)	
ORGAL10 esignation	Classifications Agriculture			MWAT		acute	chronic
ORGAL10 esignation	Classifications Agriculture Aq Life Cold 2		Biological		Aluminum		chronic TVS(T)
ORGAL10 esignation	Classifications Agriculture	Physical and Temperature °C	Biological DM	MWAT CS-II chronic	Aluminum Arsenic	acute	
ORGAL10 esignation	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II	MWAT CS-II	-	acute TVS(T)	TVS(T)
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic	Arsenic	acute TVS(T) 340	TVS(T)
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Arsenic Beryllium	acute TVS(T) 340	TVS(T) 100(T)
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute TVS(T) 340 TVS(tr) TVS	TVS(T) 100(T) TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute TVS(T) 340 TVS(tr) TVS	TVS(T) 100(T) TVS TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium III	acute TVS(T) 340 TVS(tr) TVS	TVS(T) 100(T) TVS TVS 100(T)
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute TVS(T) 340 TVS(tr) TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute TVS(T) 340 TVS(tr) TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute TVS(T) 340 TVS(tr) TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS 100(T) TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS 1000(T) TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T)
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t)
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T)
O. Mainstem ORGAL10 esignation P ualifiers: ther:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 200(T) 0.01(t) 160(T) TVS TVS
ORGAL10 esignation P ualifiers:	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute TVS(T) 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS(T) 100(T) TVS TVS 100(T) TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

11a. All tributaries, including wetlands, to La Jara Reservoir. La Jara Creek tributaries and wetlands from the outlet of La Jara Reservoir to a point immediately below the confluence with Jarosa Creek, excluding the listings in segment 11b.

CORGAL11A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ı		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

11b. Mainstem of La Jara Creek from the outlet of La Jara Reservoir to a point immediately above the confluence with Hot Creek. All tributaires, including wetlands, to La Jara Creek from a point immediately below the confluence with Jarosa Creek to a point immediately above the confluence with Hot Creek.

CORGAL11B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		300
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		200(T)
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

12. Mainstein	or Ear varia Groom morn minioanatory abo	ove the confluence with Hot Cree	ek to the confidence	with the Rio	Grande.		
CORGAL12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
ish Ingestio	n	pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Phosphorus(chronic) = applies only above the		acute	chronic	Copper	TVS	TVS
acilities listed	at 36.5(4).	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		200(T)
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
10 Mainatana		officers with La Java Carali					
L3. Mainstem	of Hot Creek from the source to the co	miuence with La Jara Creek.					
CORGAL13	Classifications	Physical and	Biological			Metals (ug/L)	
ORGAL13			Biological DM	MWAT		Metals (ug/L)	chronic
CORGAL13 Designation	Classifications		<u>_</u>	MWAT CS-II	Aluminum		chronic
ORGAL13 Designation	Classifications Agriculture	Physical and	DM		Aluminum Arsenic		chronic 0.02(T)
CORGAL13 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	DM CS-II	CS-II	1	acute	
CORGAL13 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	CS-II chronic	Arsenic	acute	0.02(T)
CORGAL13 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	DM CS-II acute	CS-II chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
corgal 23 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
CORGAL13 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data chlorophyll a he facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ite of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
corgalia Designation Deviewable Dualifiers: Other: Demporary Marsenic(chron Expiration Data Chlorophyll a Defacilities lise Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
corgalia Designation Deviewable Dualifiers: Other: Demporary Marsenic(chron Expiration Data Chlorophyll a Defacilities lise Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
corgalia Designation Deviewable Dualifiers: Other: Demporary Marsenic(chron Expiration Data Chlorophyll a Defacilities lise Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM	CS-II chronic 6.0 7.0 150* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
corgalia Designation Deviewable Dualifiers: Other: Demporary Marsenic(chron Expiration Data Chlorophyll a Defacilities lise Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
CORGAL13 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronexpiration Data chlorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
CORGAL13 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronexpiration Data chlorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
CORGAL13 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronexpiration Data chlorophyll a ne facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers: Description Descri	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data chlorophyll a he facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

14a. Mainstem of the Conejos River, including all tributaries and wetlands, from the source to immediately below the confluence with Elk Creek, excluding the specific listings in segment 1 Physical and Biological CORGAL14A Classifications Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Reviewable Aq Life Cold 1 Temperature °C CS-I CS-I Aluminum Recreation E 340 0.02(T) acute chronic Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium Qualifiers: D.O. (spawning) 7.0 Cadmium TVS(tr) **TVS** 6.5 - 9.0 рΗ ---Chromium III TVS Other: 50(T) chlorophyll a (mg/m²) 150 Chromium VI **TVS TVS** Temporary Modification(s): E. Coli (per 100 mL) 126 Copper TVS TVS Arsenic(chronic) = hybrid Iron WS Expiration Date of 12/31/2021 Inorganic (mg/L) Iron 1000(T) Lead TVS TVS acute chronic TVS TVS TVS TVS Manganese Ammonia Manganese WS Boron 0.75 Mercury 0.01(t)Chloride 250 Molybdenum 160(T) 0.011 ---Chlorine 0.019 TVS TVS 0.005 Nickel Cyanide Selenium **TVS TVS** Nitrate 10 Silver Nitrite 0.05 TVS TVS(tr) Uranium 0.11 ---Phosphorus Sulfate Zinc **TVS TVS** WS Sulfide 0.002

14b. Mainstem of the Conejos River, including all tributaries and wetlands, from a point immediately below the confluence with Elk Creek to a point immediately above the confluence with Fox Creek.

CORGAL14B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	e of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

CORGAL15	Classifications	ediately above the confluence with Physical and I				Metals (ug/L)	
Designation	Agriculture	Physical and i	DM	MWAT			chronic
Reviewable	"	T			Al	acute	
eviewabie	Aq Life Cold 1 Recreation E	Temperature °C	CS-II	CS-II	Aluminum	240	0.02(T)
		D.O. (/1)	acute	chronic	Arsenic	340	0.02(T)
alifiara.	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021				Iron		WS
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgani	c (mg/L)		Iron		1000(T)
ne facilities lis	sted at 36.5(4).		acute	chronic	Lead	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
zomileo noteu	at 50.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
16. Mainstem	of the Conejos River from the confluen	ce with the San Antonio River to	the confluence wit	th the Rio Gra	ande.		
CORGAL16	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:	•	D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgani	c (ma/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
			TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		0.75	Manganese		1000
		Chlorine	0.019	0.011	Mercury		TVS(T)
				0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100	0.05	<u> </u>	TVS	TVS
		Nitrite		0.05	Selenium		
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium	TVS	
		Sulfide		0.002	Zinc		TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

17a. Mainstei	Classification:	Blt. t	Dielesies!			Matala (m. 93	
	Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation	[→]		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Expiration Da	ite of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Canaco					
		Sulfide		0.002			
17h Mainstei	m of the Rio San Antonio fron	Sulfide n the Colorado/New Mexico border to Hwy	285	0.002			
		n the Colorado/New Mexico border to Hwy	285.	0.002	<u> </u>	Metals (ug/L)	
ORGAL17B	Classifications		285.	0.002 MWAT		Metals (ug/L)	chronic
CORGAL17B Designation	Classifications Agriculture	n the Colorado/New Mexico border to Hwy Physical and	285. Biological DM	MWAT	Aluminum	Metals (ug/L) acute	chronic
CORGAL17B Designation	B Classifications Agriculture Aq Life Cold 1	n the Colorado/New Mexico border to Hwy	285. Biological DM CS-II	MWAT CS-II	Aluminum Arsenic	acute	
CORGAL17B Designation	Agriculture Aq Life Cold 1 Recreation E	n the Colorado/New Mexico border to Hwy Physical and Temperature °C	285. Biological DM	MWAT CS-II chronic	Arsenic		0.02(T)
CORGAL17B Designation Reviewable	B Classifications Agriculture Aq Life Cold 1	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L)	285. Biological DM CS-II acute	MWAT CS-II chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
CORGAL17B Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	285. Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
CORGAL17B Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	285. Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
CORGAL17B Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	285. Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH	285. Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	285. Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
CORGAL17B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	n the Colorado/New Mexico border to Hwy Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	285. Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGAL18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
ualifiers:	•	D.O. (mg/L)		5.0	Beryllium		
ish Ingestio	on	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Phosphorus(chronic) = applies only above the		acute	chronic	Copper	TVS	TVS
acilities listed	I at 36.5(4).	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese		1000
		Chlorine	0.019	0.011	Mercury		0.01(T)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
L9. Mainstem	of the Rio Chama, including all tributar	ies and wetlands within Colorad	o, excluding the spe	ecific listings	in segment 1.		
CORGAL19	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:							
•		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
-		D.O. (spawning) pH	 6.5 - 9.0	7.0	Cadmium Chromium III		
-						TVS(tr)	TVS
•		рН	6.5 - 9.0		Chromium III	TVS(tr) 50(T)	TVS TVS
•		pH chlorophyll a (mg/m²)	6.5 - 9.0	 150	Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
•		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0	 150	Chromium III Chromium VI Copper	TVS(tr) 50(T) TVS TVS	TVS TVS TVS
•		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	 150	Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
•		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 iic (mg/L)	150 126	Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
•		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L) acute	150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	150 126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 sic (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
Other:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
-		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

	hrough 7, 11a, 11b, 13, 14a, 1		Distantant		1	Matala (/II)	
CORGAL20	Classifications	Physical and	<u>_</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	te of 12/31/2021				Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide			Zilic	173	173
				0.002	<u> </u>		
		a point immediately above the confluence		the Rio Gra	nde.	Motolo (ug/L)	
CORGAL21	Classifications	Physical and		100/AT		Metals (ug/L)	
Designation	Agriculture		DM	MWAT	AL	acute	chronic
JP	Recreation N				Aluminum		
N . 1'6'	Water Supply		acute	chronic	Arsenic		0.02-10(T) A
Qualifiers:	Water Supply	D.O. (mg/L)		chronic 3.0	Beryllium		0.02-10(T) A 4.0(T)
	Water Supply	рН			Beryllium Cadmium		
	Water Supply			3.0	Beryllium	 50(T)	4.0(T)
Qualifiers: Other:	Water Supply	рН	6.5 - 9.0	3.0	Beryllium Cadmium		4.0(T) 5.0(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	3.0	Beryllium Cadmium Chromium III	 50(T)	4.0(T) 5.0(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	3.0	Beryllium Cadmium Chromium III Chromium VI	 50(T)	4.0(T) 5.0(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 sic (mg/L)	3.0 630	Beryllium Cadmium Chromium III Chromium VI Copper	 50(T) 50(T)	4.0(T) 5.0(T) 200(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 sic (mg/L)	3.0 630	Beryllium Cadmium Chromium III Chromium VI Copper Iron	 50(T) 50(T) 	4.0(T) 5.0(T) 200(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L) acute	3.0 630 chronic	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	50(T) 50(T) 50(T)	4.0(T) 5.0(T) 200(T) WS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	 6.5 - 9.0 sic (mg/L) acute 	3.0 630 chronic 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	50(T) 50(T) 50(T) 50(T)	4.0(T) 5.0(T) 200(T) WS WS
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 sic (mg/L) acute	3.0 630 chronic 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese	50(T) 50(T) 50(T) 50(T)	4.0(T) 5.0(T) 200(T) WS WS 200(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	6.5 - 9.0 sic (mg/L) acute	3.0 630 chronic 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury	50(T) 50(T) 50(T) 50(T) 	4.0(T) 5.0(T) 200(T) WS WS 200(T) 2.0(T) 160(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute 0.2 10	3.0 630 chronic 0.75 250 	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum	50(T) 50(T) 50(T) 50(T) 50(T)	4.0(T) 5.0(T) 200(T) WS WS 200(T) 2.0(T) 160(T) 100(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 sic (mg/L) acute 0.2 10	3.0 630 chronic 0.75 250 1.0	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) 50(T) 50(T) 50(T) 50(T)	4.0(T) 5.0(T) 200(T) WS WS 200(T) 2.0(T) 160(T) 100(T) 20(T)
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 sic (mg/L) acute 0.2 10	3.0 630 chronic 0.75 250 	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) 50(T) 50(T) 50(T) 50(T)	4.0(T) 5.0(T) 200(T) WS WS 200(T) 2.0(T) 160(T) 100(T)

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

D.O. = dissolved oxygen DM = daily maximum

EET 7 till tillbattat		a River or La Jara Creek, excludir	<u> </u>	igo iii oogiiio	nto I tillough LI.		
CORGAL22	Classifications	Physical and I	3iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
23. All lakes a	and reservoirs tributary to the Alamosa	River or the Conejos River, and v	vithin the South Sa	ın Juan Wilde	erness area.		
CORGAL23	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)					
Other:		D.O. (Spawning)		7.0	Cadmium	TVS(tr)	TVS
		pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	
							TVS
*chlorophyll a	(ug/L)(chronic) = applies only to lakes	рН	6.5 - 9.0		Chromium III	50(T)	TVS TVS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L)	6.5 - 9.0	8*	Chromium III Chromium VI	50(T) TVS	TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(larger than 25 acres surface area.	pH chlorophyll a (ug/L)	6.5 - 9.0 	8*	Chromium III Chromium VI Copper	50(T) TVS TVS	TVS TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 	8*	Chromium III Chromium VI Copper Iron	50(T) TVS TVS	TVS TVS TVS TVS WS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 c (mg/L)	8* 126	Chromium III Chromium VI Copper Iron Iron	50(T) TVS TVS 	TVS TVS TVS TVS WS 1000(T)
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 c (mg/L) acute	8* 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead	50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0 c (mg/L) acute TVS	8* 126 chronic TVS	Chromium III Chromium VI Copper Iron Iron Lead Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 c (mg/L) acute TVS	8* 126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 c (mg/L) acute TVS	 8* 126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 c (mg/L) acute TVS 0.019	8* 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	 8* 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	 8* 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
*chlorophyll a and reservoirs *Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	 8* 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

							gs in segment 23.
CORGAL24	Classifications	Physical ar	nd Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(d	chronic) = applies only to lakes and				Iron		WS
reservoirs larg	er than 25 acres surface area.	Inorg	anic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
				0.05	Silver	TVS	TVS(tr)
		Nitrite			Uranium		1 7 3(11)
		Phosphorus		0.025*		TVS	TVS
		Sulfate		WS	Zinc	172	175
		Sulfide		0.002			
05 4111-1			and the state of t		the Line Council		
	Ind reservoirs tributary to La Jara Creek			confluence v	vith Hot Creek.	Motole (ug/L)	
CORGAL25	Classifications		nd Biological		vith Hot Creek.	Metals (ug/L)	ahvania
CORGAL25 Designation	Classifications Agriculture	Physical ar	nd Biological	MWAT		Metals (ug/L) acute	chronic
CORGAL25	Classifications Agriculture Aq Life Cold 1		nd Biological DM CL	MWAT CL	Aluminum	acute	
CORGAL25 Designation Reviewable	Classifications Agriculture	Physical ar Temperature °C	nd Biological DM CL acute	MWAT CL chronic	Aluminum Arsenic		 7.6(T)
CORGAL25 Designation	Classifications Agriculture Aq Life Cold 1	Physical ar Temperature °C D.O. (mg/L)	nd Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Beryllium	acute 340	7.6(T)
CORGAL25 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning)	nd Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	7.6(T) TVS
CORGAL25 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T)
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) TVS	7.6(T) TVS TVS 100(T) TVS TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	nd Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	nd Biological DM CL acute 6.5 - 9.0 anic (mg/L)	MWAT CL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 anic (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg.	nd Biological DM CL acute 6.5 - 9.0 anic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga	nd Biological DM CL acute 6.5 - 9.0 anic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgania Boron Chloride	nd Biological DM CL acute 6.5 - 9.0 anic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg. Ammonia Boron Chloride Chlorine	anic (mg/L) acute TVS 0.019	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 200(T) 0.01(t)
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg Ammonia Boron Chloride Chlorine Cyanide	anic (mg/L) acute TVS 0.019 0.005	MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 200(T) 0.01(t) 160(T)
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg. Ammonia Boron Chloride Chlorine Cyanide Nitrate	anic (mg/L) acute 6.5 - 9.0 TVS 0.019 0.005 100	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 200(T) 0.01(t) 160(T) TVS
CORGAL25 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(d)	Classifications Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical ar Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	and Biological DM CL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005 100	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS 1000(T) TVS TVS TVS 200(T) 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

26. All lakes and reservoirs tributary to the Conejos River from the source to a point immediately above the confluence with Fox Creek, excluding the specific listings in segments 23 and 30.

CORGAL26	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture	·	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	ger than 25 acres surface area.	Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

27. All lakes and reservoirs tributary to the Rio de Los Pinos and within Colorado, excluding the specific listings in segment 23. All lakes and reservoirs tributary to the Rio Chama and within Colorado, excluding the specific listings in segment 23.

within Colorac	do, excluding the specific listings in seg	ment 23.					
CORGAL27	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	ger than 25 acres surface area.	Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

CORGAL28	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus((chronic) = applies only to lakes and				Iron		WS
eservoirs lar	ger than 25 acres surface area.	Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	1		
29. All lakes	and reservoirs tributary to the Alamosa	River, La Jara Creek, or Conejo	s River, excluding t	he specific lis	stings in segments 23 thro	ough 28, and 30.	
CORGAL29	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		100(T)
	(chronic) = applies only to lakes and	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
	ger than 25 acres surface area.	-	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
				0.75	Lead	TVS	TVS
		Boron				TVS	TVS
		Boron Chloride			Manganese	1 7 3	
					Manganese Mercury		0.01(T)
		Chloride Chlorine					
		Chloride Chlorine Cyanide	0.019 0.005	0.011	Mercury		160(T)
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 100	0.011 	Mercury Molybdenum		TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100	0.011 0.05	Mercury Molybdenum Nickel Selenium	 TVS TVS	160(T) TVS TVS
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 100	0.011 	Mercury Molybdenum Nickel	 TVS	160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

30. Platoro Re	eservoir.						
CORGAL30	Classifications	Physical and B	ological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН			Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	er than 25 acres surface area.	Inorganic	(mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(T)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

CORGCB01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
DW WC	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	Inorganic (mg/L)				1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

2a. Mainstem of La Garita Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Geronimo Creek. The North, Middle, and South Forks of Carnero Creek, including all tributaries and wetlands, from their sources to their confluences at the inception of the mainstem of Carnero Creek.

CORGCB02A	Classifications	Physical and Biolog	gical		M	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

CORGCB02B	Classifications	Phys	ical and Biolog	ical			Metals (ug/L)	
Designation	Agriculture		1	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)			126	Copper	TVS	TVS
						Iron		WS
			Inorganic (mg/	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.11	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
c. Mainstem	of Carnero Creek from its ince	eption at the confluence of the N	orth, Middle, and	South Fork	s to 42 Road	1.		
	Classifications	Phys	ical and Biolog				Metals (ug/L)	
esignation	Agriculture			DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	13	9	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	26.5	20	Arsenic	340	0.02(T)
u alifiava.	Water Supply					Beryllium		
ualifiers:		50 (#)		acute	chronic	Cadmium	TVS(tr)	TVS
ther:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
		D.O. (spawning)						TVS
		(1 3)			7.0	Chromium VI	TVS	
		рН		6.5 - 9.0		Copper	TVS	TVS
		pH chlorophyll a (mg/m²)		6.5 - 9.0	150	Copper Iron	TVS 	TVS WS
		рН		6.5 - 9.0		Copper Iron Iron	TVS 	TVS WS 1000(T)
		pH chlorophyll a (mg/m²)		6.5 - 9.0	150	Copper Iron Iron Lead	TVS TVS	TVS WS 1000(T) TVS
		pH chlorophyll a (mg/m²)	Inorganic (mg/	6.5 - 9.0 	150 126	Copper Iron Iron Lead Manganese	TVS TVS TVS	TVS WS 1000(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Inorganic (mg/	6.5 - 9.0 (L) acute	150 126 chronic	Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia	Inorganic (mg/	6.5 - 9.0 L) acute TVS	150 126 chronic	Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	Inorganic (mg/	6.5 - 9.0 L) acute TVS	150 126 chronic TVS 0.75	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	Inorganic (mg/	6.5 - 9.0 L) acute TVS	150 126 chronic TVS 0.75 250	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	6.5 - 9.0 L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

3. All tributarie	es to the Closed Basin excluding the lis	tings in segments 2a, 2b, 2c, and 4 t	hrough 13.				
CORGCB03	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
otner:		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).	Inorganic (n	ng/L)		Copper	TVS	TVS
Phosphorus(chronic) = applies only above the		acute	chronic	Iron		WS
acilities listed	at 36.5(4).	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		ĺ			Zinc	TVS	TVS

4. Mainstem of San Luis Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Piney Creek, excluding the specific listings in segments 8, 9a and 9b. Garner Creek, including all tributaries and wetlands, from the Rio Grande Forest Boundary to ithe mouth.

CORGCB04	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	. ,	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	te of 12/31/2021				Iron		WS
		Inorganic (mg	J/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
ı		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

5. Mainstem o	of San Luis Creek from a poin	t immediately below the confluence with P	iney Creek to the ir	nlet to San Li	uis Lake.		
CORGCB05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
6. Deleted.							
CORGCB06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	_		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic]		

7. Deleted.							
CORGCB07	Classifications	Physical and Biolo	gical		М	etals (ug/L)	
Designation		,	DM	MWAT		acute	chronic
	-						
Qualifiers:			acute	chronic			
Other:							
		Inorganic (m	g/L)				
			acute	chronic			
	of Kerber Creek, including all tributaries y above Bear Creek, Brewery Creek fr				Cocomongo Mill site. Mains	tem of Squirrel Cree	ek from the source
CORGCB08	Classifications	Physical and Biolo	ogical		М	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

47

CORGCB09A	Classifications	Physical and	Biological			Metals (ug/L)	•
Designation	Agriculture	-	DM	MWAT		acute	chronic
JP	Recreation E				Aluminum		
	Water Supply		acute	chronic	Arsenic	340	0.02-10(T) A
Qualifiers:		D.O. (mg/L)		3.0	Beryllium		
Goal Qualifie	r for Agriculture and Water Supply	рН	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	
		E. Coli (per 100 mL)		126	Chromium VI	50(T)	
		Inorgan	ic (mg/L)		Copper		1000(T)
			acute	chronic	Iron		WS
		Ammonia			Lead	50(T)	
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		2.0(t)
		Chlorine			Molybdenum		160(T)
		Cyanide			Nickel		
		Nitrate	10		Selenium		20(T)
		Nitrite		1.0	Silver		50(T)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc		5000(T)
		Sulfide		0.002			
9b. Mainstem	of Kerber Creek from a point immedia	tely above the confluence with B	rewery Creek to the	confluence v	with San Luis Creek.		
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
JP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium		SSE*
Goal Qualifie	r for Agriculture and Water Supply	рН	6.5 - 9.0		Cadmium	SSE*	
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Гетрогагу М	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	• •				Copper		SSE*
•	e of 12/31/2021	Inorgan	ic (mg/L)		Copper	SSE*	TVS
_xpiration bat	6 01 12/31/2021	3	acute	chronic	Copper	TVS	
-	ute) = e^(0.7852ln[hard]-1.545)	Ammonia	TVS	TVS	Iron		300
	ronic) = e^(0.7852ln[hard]-2.906)	Boron		0.75	Iron		1000(T)
	e) = e^(0.8889ln[hard]+0.53)	Chloride		250	Lead	TVS	TVS
	nic) = e^(0.8889ln[hard]-1.519)	Chlorine	0.019	0.011	Manganese	TVS	TVS
	e^(0.8179ln[hard]+3.757)	Cyanide	0.005		Manganese		WS
∠inc(cnronic)	= e^(0.8179ln[hard]+2.907)	Nitrate	10		Mercury		0.01(t)
		Nitrite		0.05	Molybdenum		160(T)
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		-(/
					Zinc		SSE*
					Zinc	SSE*	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGCB10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		210(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
L1. All tributa	ries to the Closed Basin within	n the Rio Grande National Forest boundar	ries except segmen	ts 1, 2a, 2b, 2	2c, 4, 9a, 9b, 10, 12a and	i 12b.	
ORGCB11	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary N	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
rsenic(chror	nic) = hybrid	E. Coli (per 100 mL)		126	Copper	TVS	TVS
xpiration Da	ate of 12/31/2021				Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
				0.11 WS	Uranium Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGCB12A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Copper	TVS	TVS
-	e of 12/31/2021				Iron		WS
•		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
12b. Mainsten	n of Saguache Creek, includir	ng all tributaries and wetlands, from a poir	nt just below the cor	nfluence with	Ford Creek to Hwy 285.		
	n of Saguache Creek, includin	ng all tributaries and wetlands, from a poir Physical and	-	nfluence with	Ford Creek to Hwy 285.	Metals (ug/L)	
ORGCB12B		· ·	-	nfluence with	Ford Creek to Hwy 285.	Metals (ug/L)	chronic
CORGCB12B Designation	Classifications	· ·	Biological		Ford Creek to Hwy 285. Aluminum		chronic
ORGCB12B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT			chronic 0.02(T)
CORGCB12B Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	acute	
CORGCB12B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute 340	
	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	 0.02(T)
CORGCB12B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
CORGCB12B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
correction devicements of the correction devicement of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correct	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation teviewable pualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
correction devicements of the correction devicement of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correct	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
corgcb12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
correction devicements of the correction devicement of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correct	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t)
correction devicements of the correction devicement of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correction devicements of the correct	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

CORGCB13	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
ualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
ther:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	nic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
	T .	in, excluding the specific listings in segme	ents 1 through 13.		1		
ORGCB14	Classifications	Physical and	Biological			Metals (ug/L)	,
esignation	Agriculture		DM	MWAT		acute	chronic
Р	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
ther:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
			100		Nickel	TVS	TVS
		Nitrate	100				
		Nitrate Nitrite		0.05	Selenium	TVS	TVS
				0.05	Selenium Silver	TVS TVS	TVS TVS
		Nitrite					

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

CORGCB15	Classifications	Physical and	l Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
)W	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs iarç	ger than 25 acres surface area.	Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

16. All lakes and reservoirs tributary to La Garita Creek from the source to 38 Road. All lakes and reservoirs tributary to Carnero Creek from the source to 42 Road. All lakes and reservoirs tributary to Kerber Creek from the source to a point immediately above the Cocomongo Mill site. All lakes and reservoirs tributary to San Luis Creek, from the source to a point immediately below the confluence with Piney Creek. All lakes and reservoirs tributary to Saguache Creek from the boundary of the La Garita Wilderness Area to Hwy 285.

CORGCB16	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	per than 25 acres surface area.	Inorganic (m	g/L)		Iron		1000(T)
	ervoirs larger than 25 acres surface area.		acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 36.6 for details on TVS, TVS(tr), WS, temperature standards.

CORGCB17	and reservoirs within the Closed Basin a	Physical and		, -,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,poomo nomigo m oc	Metals (ug/L)	
		Physical and	DM	MWAT			ohronio
Designation Reviewable	Agriculture	T			A1	acute	chronic
eviewabie	Aq Life Cold 1 Recreation E	Temperature °C	CL	CL	Aluminum		
		D.O. (***#)	acute	chronic	Arsenic	340	0.02(T)
alifiara	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
nd reservoirs	larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Iron		WS
`	•	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
l8. All lakes a	and reservoirs within the Closed Basin,	excluding the specific listings in	segments 16,17, 19	9 and 20.	T		
ORGCB18	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
ualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
ablaranbydl a	(ug/L)(abrania) = applies apply to lakes						
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorgan	ic (mg/L)		Copper	TVS	TVS
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Inorgan	ic (mg/L) acute	chronic	Copper Iron	TVS 	TVS WS
nd reservoirs Phosphorus(larger than 25 acres surface area.	Inorgan Ammonia					
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and		acute	chronic	Iron		WS
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia	acute TVS	chronic TVS	Iron Iron		WS 1000(T)
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron	acute TVS	chronic TVS 0.75	Iron Iron Lead	 TVS	WS 1000(T) TVS
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron Chloride	acute TVS	chronic TVS 0.75 250	Iron Iron Lead Manganese	TVS	WS 1000(T) TVS TVS
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron Chloride Chlorine	acute TVS 0.019	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese	 TVS TVS	WS 1000(T) TVS TVS WS
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t)
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Iron Iron Lead Manganese Manganese Mercury Molybdenum	 TVS TVS 	WS 1000(T) TVS TVS WS 0.01(t) 160(T)
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
nd reservoirs Phosphorus(s larger than 25 acres surface area. chronic) = applies only to lakes and	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05 0.083*	Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS	WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout

CORGCB19	Classifications	Physic	cal and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31		CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31		21.2	Arsenic	340	7.6(T)
Qualifiers:						Beryllium		
Other:				acute	chronic	Cadmium	TVS	TVS
		D.O. (mg/L)			6.0	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	D.O. (spawning)			7.0	Chromium III		100(T)
*Phosphorus(chronic) = applies only to lakes and	рН		6.5 - 9.0		Chromium VI	TVS	TVS
reservoirs larg	ger than 25 acres surface area.	chlorophyll a (ug/L)			8*	Copper	TVS	TVS
		E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
		ı	norganic (mg/l	L)		Manganese	TVS	TVS
				acute	chronic	Mercury		0.01(t)
		Ammonia		TVS	TVS	Molybdenum		160(T)
		Boron			0.75	Nickel	TVS	TVS
		Chloride				Selenium	TVS	TVS
		Chlorine		0.019	0.011	Silver	TVS	TVS
		Cyanide		0.005		Uranium		
		Nitrate		100		Zinc	TVS	TVS
		Nitrite			0.05	ĺ		
		Phosphorus			0.025*			
		Sulfate						
		Sulfate Sulfide			0.002			
20. Head Lak	e.							
	e. Classifications	Sulfide	cal and Biologi				Metals (ug/L)	
CORGCB20		Sulfide	cal and Biologi				Metals (ug/L) acute	chronic
CORGCB20 Designation	Classifications	Sulfide	cal and Biologi	 ical	0.002	Aluminum		chronic
CORGCB20 Designation	Classifications Agriculture	Sulfide	cal and Biologi	ical	0.002 MWAT		acute	chronic 100(T)
CORGCB20 Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Sulfide	cal and Biologi	ical DM CLL	0.002 MWAT CLL	Aluminum	acute	
CORGCB20 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Sulfide Physic Temperature °C	cal and Biologi	DM CLL acute	0.002 MWAT CLL chronic	Aluminum Arsenic	acute 340	 100(T)
CORGCB20 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L)	cal and Biologi	DM CLL acute	MWAT CLL chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	 100(T)
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes	Physic Temperature °C D.O. (mg/L) D.O. (spawning)	cal and Biologi	DM CLL acute	MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS	 100(T) TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH	cal and Biologi	DM CLL acute	0.002 MWAT CLL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS TVS	 100(T) TVS TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	cal and Biologi	ical DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS TVS	100(T) TVS TVS 100(T)
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	ical DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		ical DM CLL acute 6.5 - 9.0	0.002 MWAT CLL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	acute 340 TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		CLL acute 6.5 - 9.0 L)	0.002 MWAT CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	acute 340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T)
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		ical DM CLL acute 6.5 - 9.0 L) acute	0.002 MWAT CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 100(T) TVS TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		ical DM CLL acute 6.5 - 9.0 L) acute TVS	0.002 MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron		ical DM CLL acute 6.5 - 9.0 L) acute TVS	0.002 MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride		ical DM CLL acute 6.5 - 9.0 L) acute TVS	0.002 MWAT CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T)
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine		ical DM CLL acute 6.5 - 9.0 L) acute TVS 0.019	0.002 MWAT CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide		ical DM CLL acute 6.5 - 9.0 TVS 0.019 0.005	0.002 MWAT CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		ical DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 100	0.002 MWAT CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
CORGCB20 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Classifications Agriculture Aq Life Cold 2 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate		ical DM CLL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 100	0.002 MWAT CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
Chief of Staff

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Office of the Attorney General

Tracking number: 2015-00762

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-36

REGULATION NO. 36 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger

Judeick R. Yage

Solicitor General

January 29, 2016 11:22:11

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-36

Rule title

5 CCR 1002-36 REGULATION NO. 36 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN 1 - eff 06/30/2016

Effective date

06/30/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-36

REGULATION NO. 36 CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN

. . . .

36.6 TABLES

. . . .

(4) Additional Site-Specific Criteria

. . . .

(b) Site-Specific Standards for Rio Grande Segment 4a:

Standards effective through 12/31/2018

Cadmium(acute)=TVS(tr)
Cadmium(chronic)=TVS
Lead(chronic)=TVS
Manganese(chronic)=TVS and WS
Zinc(acute/chronic)=TVS

Tier 1 standards effective 1/1/2019 through 12/31/2020

Low flow (August-March):
Cadmium(acute/chronic)=2.6 / 1.5 ug/L
Lead(chronic)=3.0 ug/L
Manganese(chronic)=165 ug/L
Zinc(acute/chronic)=548 / 393 ug/L

High flow (April-July):
Cadmium(acute/chronic)=1.0 / 0.63 ug/L
Lead(chronic)=1.3 ug/L
Manganese(chronic)=WS
Zinc(acute/chronic)=272 / 183 ug/L

Tier 2 standards effective from 1/1/2021

Low flow (August-March):
Cadmium(acute/chronic)=2.0 / 0.88 ug/L
Lead(chronic)=1.5 ug/L
Manganese(chronic)=92 ug/L
Zinc(acute/chronic)=306 / 148 ug/L

High flow (April-July):
Cadmium(acute/chronic)=0.83 / 0.51 ug/L
Lead(chronic)=0.75 ug/L
Manganese(chronic)=WS
Zinc(acute/chronic)=225 / 136 ug/L

(c) Site-specific standards and temporary modifications for Rio Grande Segment 7:

Standards effective through 12/31/2018

Cadmium(acute/chronic)=TVS Copper(acute/chronic)=TVS Lead(acute/chromium)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=TVS

Tier 1 standards effective 1/1/2019 through 12/31/2020

West Willow

Cadmium(acute/chronic)=163 / 21 ug/L Copper(acute/chronic)=227 / 8.9 ug/L Lead(acute/chromium)=1,014 / 104 ug/L Manganese(acute/chronic)=TVS Silver(acute)=1.3 ug/L Zinc(acute/chronic)=24,000 / 5,977 ug/L

Windy Gulch

Cadmium(acute/chronic)=9.1 / 6.3 ug/L Copper(acute/chronic)=TVS / 5.8 ug/L Lead(acute/chromium)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=2,804 / 1,914 ug/L

Willow mainstem

Low flow (August-March):
Cadmium(acute/chronic)=17.5 / 15.4 ug/L
Copper(acute/chronic)=TVS
Lead(acute/chromium)=TVS / 30 ug/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=4,541 / 3,917 ug/L

High flow (April-July):
Cadmium(acute/chronic)=15.6 / 10.3 ug/L
Copper(acute/chronic)=TVS
Lead(acute/chromium)=TVS / 22 ug/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=4,190 / 3,009 ug/L

Tier 2 standards effective from 1/1/2021

West Willow

Low flow (August-March):
Cadmium(acute/chronic)=67 / 50 ug/L
Copper(acute/chronic)=17.6 / 15.0 ug/L
Lead(acute/chromium)=268 / 183 ug/L
Manganese(acute/chronic)=TVS / 1,779 ug/L
Silver(acute)=TVS
Zinc(acute/chronic)=11,873 / 11,022 ug/L

High flow (April-July):
Cadmium(acute/chronic)=32 / 19.2 ug/L
Copper(acute/chronic)=15.0 / 9.4 ug/L
Lead(acute/chromium)=103 / 47 ug/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS

Zinc(acute/chronic)=8,772 / 5,611 ug/L

Windy Gulch

Cadmium(acute/chronic)=9.1 / 6.3 ug/L Copper(acute/chronic)=TVS / 5.8 ug/L Lead(acute/chromium)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=2,804 / 1,914 ug/L

Willow mainstem

Low flow (August-March):
Cadmium(acute/chronic)=13.9 / 11.2 ug/L
Copper(acute/chronic)=TVS
Lead(acute/chronium)=TVS / 18.6 ug/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=2,521 / 1,733 ug/L

High flow (April-July):
Cadmium(acute/chronic)=14.5 / 8.9 ug/L
Copper(acute/chronic)=TVS
Lead(acute/chromium)=TVS / 13.1 ug/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=3,635 / 2,373 ug/L

The following temporary modifications apply (Expiration Date 12/31/2018):

West Willow

Cadmium(acute)=163 ug/L Cadmium(chronic)=21.2 ug/L Copper(acute)=227 ug/L Copper(chronic)=8.9 ug/L Lead(acute)=1,014 ug/L Lead(chronic)=104 ug/L Silver(acute)=1.32 ug/L Zinc(acute)=24,000 ug/L Zinc(chronic)=5,977 ug/L

Windy Gulch

Cadmium(acute)=9.1 ug/L Cadmium(chronic)=6.3 ug/L Copper(chronic)=5.8 ug/L Zinc(acute)=2,804 ug/L Zinc(chronic)=1,914 ug/L

Willow

Cadmium(acute)=30.8 ug/L Cadmium(chronic)=17.9 ug/L Copper(acute)=6.4 ug/L Copper(chronic)=5.6 ug/L Lead(acute)=38.0 ug/L Lead(chronic)=31.3 ug/L Zinc(acute)=6,763 ug/L Zinc(chronic)=4,660 ug/L

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36.38 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. In addition, other standards actions were taken.

Rio Grande segments 4a and 7: Metals, revised standards effective dates and temporary modifications expiration dates.

At the December 2013 Temporary Modification hearing the Commission adopted site specific standards with delayed effective dates and temporary modifications in Rio Grande segments 4a and 7. These standards represent predicted improvements in water quality due to the dilution effect of treated effluent from the Bulldog Mine in Tier 1 and water-quality improvement predicted by a 90% reduction in flow and metal load from the Nelson Tunnel, and a predicted 50% reduction in metal load from the Solomon Mine, in addition to dilution from treated effluent from the Bulldog Mine in Tier 2. The adopted site-specific standards are intended to set water-quality goals for both segments that reflect the lowest ambient concentrations that are feasible to achieve with the 2013 schedule for redevelopment activities. However, Rio Grande Silver presented evidence that implementation of the Rio Grande Silver Bulldog Mine redevelopment project has been delayed two years. As a result, the Commission extended all of the effective dates and expiration dates by two years.

Rio Grande segments 4a and 7: Ammonia.

The Division and the Town of Creede presented evidence that its wastewater treatment facility has a predicted compliance problem with ammonia effluent limits based on water

quality standards in segments 7 and 4a and there is uncertainty regarding the feasibility of meeting the ammonia limits. Creede has submitted a plan to resolve the uncertainty. Based on that plan the Commission adopted a "current conditions" temporary modification to the ammonia standard with an expiration date of 12/31/2018.

PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-36

REGULATION NO. 36
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
RIO GRANDE BASIN

APPENDIX 36-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2016

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River Basin

CORGRG04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Aq Life Cold 1		DM	MWAT		acute	chronic
Reviewable	Recreation E	Temperature °C	CS-II	CS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	0.02(T)
	Agriculture	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	varies*	varies*
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	ndification(e):	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Arsenic(chroni	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	e of 12/31/2021				Iron		WS
•	onic) = current condition	Inorgar	nic (mg/L)		Iron		1000(T)
•	= current condition		acute	chronic	Lead	TVS	varies*
Zinc(chronic) =	current condition	Ammonia	TVS	TVS	Manganese	TVS	varies*
Ammonia(ac/c	h) = current condition	Boron		0.75	Mercury		0.01(T)
Expiration Dat	e of 12/31/2018	Chloride		250	Molybdenum		160(T)
·Cadmium(acı	ite) = See 36.6(4) for site-specific	Chlorine	0.019	0.011	Nickel	TVS	TVS
standards and	assessment locations.	Cyanide	0.005		Selenium	TVS	TVS
	onic) = See 36.6(4) for site-specific assessment locations.	Nitrate	10		Silver	TVS	TVS(tr)
Lead(chronic	= See 36.6(4) for site-specific	Nitrite		0.05	Uranium		
	assessment locations. hronic) = See 36.6(4) for site-specific	Phosphorus			Zinc	varies*	varies*
	assessment locations.	Sulfate		WS	ĺ		
and assessme Zinc(chronic)	See 36.6(4) for site-specific standards nt locations. = See 36.6(4) for site-specific assessment locations.	Sulfide		0.002			

tr = trout sc = sculpin

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River Basin

7. Mainstem of West Willow Creek from the Park Regent Mine dump to the confluence with East Willow Creek. Mainstem of Willow Creek, including all tributaries from the confluence of East and West Willow Creeks, to the confluence with the Rio Grande.

CORGRG07	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	varies* varies*	
	adification(s):	рН	6.5 - 9.0		Chromium III	TVS	TVS
Temporary Modification(s):		chlorophyll a (mg/m²)		150*	Chromium III		100(T)
Cadmium(ac/ch) = varies* Copper(ac/ch) = varies*		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Lead(ac/ch) = varies*					Copper	varies*	varies*
Silver(acute) = varies*		Inorganic	(mg/L)		Iron		1000(T)
Zinc(ac/ch) = v		-	acute	chronic	Lead	varies*	varies*
, ,	ch) = current condition	Ammonia	TVS	TVS	Manganese	varies*	varies*
•	te of 12/31/2018	Boron		0.75	Mercury		0.01(T)
	(Chloride			Molybdenum		160(T)
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).	Chlorine		0.011	Nickel	TVS	TVS
*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).		Cyanide	0.005		Selenium	TVS	TVS
	at 36.5(4). ute) = See 36.6(4) for temporary	Nitrate	100		Silver	varies*	TVS
modifications, assessment lo	site-specific standards and	Nitrite		10	Uranium		
	ronic) = See 36.6(4) for temporary	Phosphorus		0.11*	Zinc	varies*	varies*
modifications, site-specific standards and assessment locations. *Copper(acute) = See 36.6(4) for temporary modifications, site-specific standards and		Sulfate					
		Sulfide		0.002			
modifications, assessment lo Lead(acute) = modifications, assessment lo Lead(chronic) modifications, assessment lo Manganese(astandards and Manganese(astandards and Manganese(astandards and Silver(acute) modifications, assessment lo Zinc(acute) = modifications, assessment lo Manganese(astandards and Silver(acute) = modifications, assessment lo Manganese(astandards and Manganese(astandards and Silver(acute) = modifications, assessment lo Manganese Manga	= See 36.6(4) for temporary site-specific standards and ocations. a) = See 36.6(4) for temporary site-specific standards and ocations. acute) = See 36.6(4) for site-specific lassessment locations. chronic) = See 36.6(4) for site-specific lassessment locations. = See 36.6(4) for temporary site-specific standards and ocations. See 36.6(4) for temporary site-specific standards and ocations. = See 36.6(4) for temporary site-specific standards and ocations. = See 36.6(4) for temporary site-specific standards and ocations.						

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 33.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
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Office of the Attorney General

Tracking number: 2015-00519

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-36

REGULATION NO. 36 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 29, 2016 11:21:10

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Jager

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-37

Rule title

5 CCR 1002-37 REGULATION NO. 37 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-37

REGULATION NO. 37 CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN

37.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

37.2 PURPOSE

These regulations establish classifications and numeric standards for the Colorado River Basin, including all tributaries and standing bodies of water. This includes all or parts of Garfield, Mesa, Rio Blanco, Moffat and Routt Counties. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See Regulation No. 31, section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

37.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (see section 37.6). As additional stream segments are classified and numeric standards for designated parameters are assigned for this drainage system, they will be added to or replace the numeric standards in the tables in section 37.6. Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "basic regulations".

37.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

37.5 BASIC STANDARDS

(1) <u>TEMPERATURE</u>

All waters of the Colorado River Basin are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) QUALIFIERS

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Tables 37.6. The column in the tables at 31.11 headed "Fish Ingestion" is presumptively applied to all aquatic life class 1 streams which do not have a water supply classification, and are applied to aquatic life class 2 streams which do not have a water supply classification, on a case-by-case basis as shown in Tables 37.6.

(3) URANIUM

- (a) All waters of the Lower Colorado River Basin, are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 ug/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 ug/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) NUTRIENTS

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll *a* will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the Lower Colorado Basin. Moreover, pursuant to 31.17(e) nutrient standards will only be adopted for waters upstream of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31,

2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012 in the Lower Colorado Basin:

Segment	Permittee	Facility name	Permit No.
COLCLY02	Craig City of	CRAIG WWTF	CO0040037
COLCWH07	Whiteriver RV LLC	WHITERIVER RV SANITATION WWTF	COG588048
COLCWH07	Meeker Sanitation District	MEEKER SANITATION DISTRICT	CO0047139
COLCWH13b	Shell Frontier Oil & Gas Inc	CORRAL GULCH WWTF	CO0048859
COLCWH21	Rangely Town of	RANGELY WWTF	CO0000010
		RIFLE REGIONAL WW	
COLCLC01	Rifle City of	RECLAMATION FACILITY	CO0048151
	Wastewater Treatment Service	WASTE WATER TREATMENT	
COLCLC01	LLC	SERVICES WWTF	COG589110
COLCLC01	Silt Town of	SILT TOWN OF	COG588046
COLCLC01	West Glenwood Springs SD	WEST GLENWOOD SPRINGS SD	COG588008
		GLENWOOD SPRINGS REGIONAL	
COLCLC01	Glenwood Springs City of	WWTF	CO0048852
COLCLC01	Talbott Enterprises Inc	TALBOTT ENTERPRISES INC	COG588061
COLCLC01	New Castle Town of	NEW CASTLE WWTF	COG588062
	Riverbend Water and Sewer		
COLCLC01	Company	RIVERBEND SUBDIVISION	COG588006
	Colorado Retail Ventures		
COLCLC02a	Services LLC	CAMEO EAGLE TRAVEL CENTER	CO0048847
COLCLC02a	DeBeque Town of	DEBEQUE TOWN OF	CO0048135
		BATTLEMENT MESA METRO DIST	
COLCLC02a	Battlement Mesa Metro Dist	WWTF	COG589086
COLCLC02b	Clifton Sanitation District	CLIFTON SANITATION DISTRICT	CO0033791
COLCLC02b	Palisade Town of	PALISADE WWTF	CO0000012
		FRUITA WASTEWATER	
COLCLC03	Fruita City of	RECLAMATION FACILITY	CO0048854
	Tri-State Generation &		
COLCLC04e	Transmission Assoc Inc	Rifle Station	CO0042447
COLCLC07a	Weiss & Associates	CANYON CREEK ESTATES WWTF	COG588081
COLCLC13b	Mesa Co/Grand Junction City of	PERSIGO WWTF	CO0040053
COLCLC15a	Grand Mesa Metro Dist 2	GRANDE MESA METRO DIST 2	CO0023485
COLCLC15a	Mesa WSD	MESA WSD	CO0048143
COLCLC15c	Collbran Town of	VALLEYWIDE SEWERAGE SYSTEM	CO0040487

Prior to May 31, 2022:

- For segments located entirely above these facilities, nutrient standards apply to the entire segment.
- For segments with portions downstream of these facilities, *nutrient standards only apply above these facilities*. A footnote was added to the total phosphorus and chlorophyll *a* standards in these segments. The footnote references the table of qualified facilities at 37.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A footnote was added to the total phosphorus and chlorophyll a standards in lakes segments as nutrients standards apply only to lakes and reservoirs larger than 25 acres surface area.

37.6 TABLES

(1) <u>Introduction</u>

The numeric standards for various parameters in this regulation and in the tables in Appendix 37-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the tables attached to Regulation No. 31. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) <u>Abbreviations</u>:

(a) The following abbreviations are used in this regulation and in the tables in Appendix 37-1:

°C = degrees celsius
CL = cold lake temperature tier
CLL = cold large lake temperature tier
CS-I = cold stream temperature tier one
CS-II = cold stream temperature tier two
D.O. = dissolved oxygen

D.O. = dissolved oxygen DM = daily maximum

DUWS = direct use water supply

E.Coli = escherichia coli

mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters

sc = sculpin sp = spawning

SSE = site-specific equation

T = total recoverable

t = total

tr = trout

TVS = table value standard ug/l = micrograms per liter UP = use-protected

OP = use-protected

WAT = weekly average temperature
WL = warm lake temperature tier

WS = water supply

WS-I = warm stream temperature tier one
WS-II = warm stream temperature tier two
WS-III = warm stream temperature tier three
WS-IV = warm stream temperature tier four

(b) In addition, the following abbreviations were used:

 $\begin{array}{lll} \text{Fe(ch)} & = & \text{WS} \\ \text{Mn(ch)} & = & \text{WS} \\ \text{SO}_4 & = & \text{WS} \end{array}$

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(i) existing quality as of January 1, 2000; or

(ii) Iron = 300 ug/l (dissolved)Manganese = 50 ug/l (dissolved) SO_4 = 250 mg/l

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

- (c) Temporary Modification for Water + Fish Chronic Arsenic Standard
 - (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 ug/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
 - (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 ug/l (Trec), expiring on 12/31/2021.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) <u>Table Value Standards</u>

In certain instances in the tables in Appendix 37-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS (Concentrations in ug/l unless noted)

PARAMETER⁽¹⁾ TABLE VALUE STANDARDS (2)(3)

Aluminum (Trec) Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$ PH equal to or greater than 7.0

Chronic= $e^{(1.3695[ln(hardness)]-0.1158)}$ PH less than 7.0

Chronic= $e^{(1.3695[ln(hardness)]-0.1158)}$ or 87, whichever is more stringent

Ammonia (4) Cold Water = (mg/l as N)Total $acute = \frac{0.275}{1+10^{7.204-} pH} + \frac{39.0}{1+10^{pH-7.204}}$

			-	,						
	$chronic = \begin{bmatrix} \\ \\ \end{bmatrix} - \begin{bmatrix} \\ \\ \end{bmatrix} 1 - \begin{bmatrix} \\ \end{bmatrix}$	0.0577 +10 ^{7.688-} 1	$\frac{1}{pH} + \frac{2.487}{1 + 10} + \frac{1}{1 + 10} \times M$	MIN $(2.85, 1.45 * 10^{0})$	028(25-T)					
	\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(/l	a NIXTatal							
	Warm Water	= (mg/i a	IS N) I OTAI							
	$acute = {1 +}$	0.411 7.204	$\frac{58.4}{1+10}$ + $\frac{58.4}{1+10}$ + $\frac{1}{1+10}$ = 7.20	4						
	chronic (Apr1-	$Aug 31) = \begin{bmatrix} \\ \\ \\ \end{bmatrix}$	$\frac{0.0577}{1+10^{7.688-\ pH}} + \frac{2.487}{1+10^{\ pH-7}}$	$\frac{1}{.688} \begin{bmatrix} *_{MIN} (2.85, 1.85) \end{bmatrix}$	45 * 10 0.028(2	25-T)				
	chronic (Sep 1 - Mar 31) = $\begin{bmatrix} \frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T,7))}$									
Cadmium	Acute = (1.13	36672-[ln	(hardness) x (0.041838)	ol)x e ^{0.9151[In(hardness}	s)]-3.1485					
			672-[In(hardness)x (0.04			6236				
			In(hardness) x(0.04183							
Chromium III ⁽⁵⁾	Acute = e ^{(0.819}									
	Chronic = e ⁽⁰	.819[In(hardnes	s)]+0.5340)							
Chromium VI ⁽⁵⁾	Acute = 16									
	Chronic = 11									
Copper	Acute = e ^{(0.942}]-1.7408)							
	Chronic = e ⁽⁰	.8545[In(hardne	rss)]-1.7428)							
Lead	Acute = (1.46	6203-[ln(h	nardness)*(0.145712)])*	e ^{(1.273[In(hardness)]-1.46)}	ı					
	Chronic =(1.4	46203-[ln	(hardness)*(0.145712)])*e ^{(1.273[In(hardness)]-4.}	.705)					
Manganese	Acute = $e^{(0.333)}$	31[In(hardness)]+6.4676)							
	Chronic = e ⁽⁰	.3331[In(hardne	ss)]+5.8743)							
Nickel	Acute = $e^{(0.846)}$	[In(hardness)]+	-2.253)							
	Chronic = e ⁽⁰	.846[In(hardnes	s)]+0.0554)							
Selenium ⁽⁶⁾	Acute = 18.4									
	Chronic = 4.6									
Silver	Acute = ½e ^{(1.}	72[ln(hardness))]-6.52)							
	Chronic = $e^{(1)}$									
	Chronic(Trou									
Temperature	TEMPERA- TURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	TEMPERA STANDAI					
	TOILE HEIL	CODE	I O DE I RESENT		(MWAT)	(DM)				
	Cold Stream	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7				
	Tier I			Oct. – May	9.0	13.0				
		CS-II		April – Oct.	18.3	23.9				

	Cold Stream		all other cold-water	1		
	Tier II		species	Nov. – March	9.0	13.0
	Cold Lake	CL	brook trout, brown trout,	April – Dec.	17.0	21.2
			cutthroat trout, lake trout, rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
	Cold Large	CLL	brown trout, lake trout,	April – Dec.	18.3	23.8
	Lake (>100)		rainbow trout	Jan. – March	9.0	13.0
	Warm Stream	WS-I	common shiner, Johnny	March – Nov.	24.2	29.0
	Tier I		darter, orangethroat darter	Dec. – Feb.	12.1	14.5
	Warm Stream	WS-II	brook stickleback, central	March – Nov.	27.5	28.6
	Tier II		stoneroller, creek chub, longnose dace, Northern redbelly dace, finescale dace, razorback sucker, white sucker	Dec. – Feb.	13.8	14.3
	Warm Stream	WS-III	all other warm-water	March – Nov.	28.7	31.8
	Tier III	Tier III Species	Dec. – Feb.	14.3	15.9	
	Warm Lakes	WL	yellow perch, walleye,	April – Dec.	26.3	29.5
			pumpkinseed, smallmouth bass, striped bass, white bass, largemouth bass, bluegill, spottail shiner, Northern pike, tiger muskellunge, black crappie, common carp, gizzard shad, sauger, white crappie, wiper	Jan. – March	13.2	14.8
Uranium	Acute = $e^{(1.102)}$	21[In(hardness)]	l+2.7088)			
	Chronic = e ^{(1.}	1021[In(hardne	ss)]+2.2382)			
Zinc	Acute = 0.978					
	Chronic = 0.9	986*e ^{(0.909}	4[ln(hardness)]+0.6235)			
	if hardness le	ess than 1	L02 mg/l CaCO ္			
	Chronic (scul	pin) = e ₍₂	.140[in(hardness)]-5.084)			

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.

- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the Commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 ug/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (7) E.coli criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for E. coli are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.
- (9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

(4) Assessment Criteria

The following criteria shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

(a) White River Segment 13b Selenium Assessment Thresholds and Locations

Corral Gulch, Se(ch)=5.7 ug/l

Assessment location: Corral Gulch at the mouth.

Duck Creek, Se(ch)=7.9 ug/l

Assessment location: Duck Creek at the mouth.

Yellow Creek, Se(ch)=6.9 ug/l

Assessment location: Yellow Creek upstream from the confluence with Barcus Creek.

Greasewood Creek, Se(ch)=6.0 ug/l

Assessment location: Greasewood Creek at the mouth.

(b) White River Segment 13c Iron Assessment Threshold and Location

Yellow Creek, Fe(ch)=1625 ug/l

Assessment location: Yellow Creek at the mouth.

(5) <u>Stream Classifications and Water Quality Standards Tables</u>

The stream classifications and water quality standards tables in Appendix 37-1 are incorporated herein by reference.

. . . .

37.35 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR LOWER COLORADO RIVER BASIN, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

Overall format changes: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

Also, since there is more room for information within each segment, footnotes "B" and "C" were replaced with the full text in each segment where these footnotes were applied. Footnote "A" was maintained because the text is too long to be displayed in the "Other" section for each segment where it applies. Footnote "D" was changed to footnote "B" and was maintained because the text is too long to be displayed in the "Other" section.

<u>Constraints of the new format</u>: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a

temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made

- The "type" of temporary modification is no longer displayed in the segment tables, since they have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the concentration of total phosphorus. In the old format, individual phosphorus standards were noted as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3
 - E. Coli (chronic) Regulation #31, Table 1, footnote 7
 - D.O. (chronic) Regulation #31, Table 1, footnote 1
 - cyanide (acute) Regulation #31, Table 2
 - sulfide (chronic) Regulation #31, Table 2
 - nitrate (acute) Regulation #31, Table 2
 - nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30day average standard in permits and assessments.
 - chloride (chronic) Regulation #31, Table 2
 - boron (chronic) Regulation #31, Table 2

• sulfate (chronic) Regulation #31, Table 2

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-37

REGULATION NO. 37
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
LOWER COLORADO RIVER BASIN

APPENDIX 37-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

1. Deleted.							
COLCLY01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	c (mg/L)		_		
			acute	chronic			
	· · · · · · · · · · · · · · · · · · ·	t immediately below the confluence with		he confluence	e with the Green River		
COLCLY02	Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E	5 0 (#)	acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Quaimers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chron	iic) = hybrid	Inorgani	· • · · · · · · · · · · · · · · · · · ·		Copper	TVS	TVS
Expiration Da	te of 12/31/2021		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		T) /C
					Zinc	TVS	TVS

		etlands, from a point immediately below Segments 3b through 15, 17a, 17b and 1		nce with Elkh	ead Creek to a point immediate	ly below the cor	ofluence with the
COLCLY03A	Classifications	Physical and Biolog	ical		Metal	s (ug/L)	
Designation	Agriculture	, in the second	DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI		100(T)
		Inorganic (mg/	L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

3b. Mainstem of Upper Johnson Gulch from its source to confluence with Pyeatt Gulch at CO 107. Mainstems of Pyeatt Gulch, Ute Gulch, Castor Gulch, No Name Gulch, Flume Gulch, Buzzard Gulch, Coyote Gulch, Deal Gulch, Horse Gulch (BOTH), and Elk Gulch, including all tributaries from their sources to their mouths.

	B Classifications	Horse Gulch (BOTH), and Elk Gulcl Physical and B	·	duries from	The sources to their mod	Metals (ug/L)	
Designation	n Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P	·	acute	chronic	Arsenic	340	100(T)
Qualifiers:	•	D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		pH	6.5 - 9.0		Cadmium	TVS*	TVS*
		chlorophyll a (mg/m²)		150	Cadmium		10(T)
Ammonia(a	acute) = effective 12/31/2019	E. Coli (per 100 mL)		205	Chromium III	TVS	TVS*
*Ammonia(c	chronic) = effective 12/31/2019	Inorganio	(ma/L)		Chromium III		100(T)
Chlorine(ch	nronic) = effective 12/31/2019		acute	chronic	Chromium VI	TVS	100
Cyanide(ad	cute) = effective 12/31/2019	Ammonia	TVS	TVS*	Chromium VI		TVS*
Sulfide(chr	onic) = effective 12/31/2019	Boron		4.0	Copper	TVS	TVS*
*Cadmium(a	acute) = effective 12/31/2019	Chloride			Copper		200
Cadmium(d	chronic) = effective 12/31/2019	Chlorine		0.011	Iron		1000(T)*
Chromium	III(acute) = effective 12/31/2019	Cyanide	0.005		Lead	TVS*	TVS*
*Chromium	III(chronic) = effective 12/31/2019	Cyanide	0.2		Lead		100(T)
	VI(acute) = effective 12/31/2019	Nitrate	100		Manganese	TVS*	TVS*
	VI(chronic) = effective 12/31/2019	Nitrite		10	Manganese		200(T)
	ute) = effective 12/31/2019				Mercury		0.01(t)*
	ronic) = effective 12/31/2019	Phosphorus		0.17	Molybdenum		160(T)
`	c) = effective 12/31/2019	Sulfate					. ,
`	e) = effective 12/31/2019	Sulfide		0.002*	Nickel	TVS*	TVS*
`	nic) = effective 12/31/2019				Nickel		200(T)
ı -	e(acute) = effective 12/31/2019				Selenium	TVS*	TVS*
ŭ	e(chronic) = effective 12/31/2019				Selenium		20(T)
, ,	ronic) = effective 12/31/2019				Silver	TVS*	TVS*
,	te) = effective 12/31/2019				Uranium		
`	onic) = effective 12/31/2019				Zinc	TVS*	TVS*
`	acute) = effective 12/31/2019				Zinc		2000(T)
`	chronic) = effective 12/31/2019						
,	e) = effective 12/31/2019						
,	nic) = effective 12/31/2019						
` ′) = effective 12/31/2019						
"∠inc(cnroni	ic) = effective 12/31/2019						

sc = sculpin

D.O. = dissolved oxygen

COLCLY03C Classifications	Physical and	Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
Recreation P		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
emporary Modification(s):	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
rsenic(chronic) = hybrid	Inorgan	ic (mg/L)		Copper	TVS	TVS
Expiration Date of 12/31/2021		acute	chronic	Iron		WS
	Ammonia	TVS	TVS	Iron		1000(T)
	Boron		0.75	Lead	TVS	TVS
	Chloride		250	Manganese	TVS	TVS
	Chlorine	0.019	0.011	Manganese		WS
	Cyanide	0.005		Mercury		0.01(t)
	Nitrate	10		Molybdenum		160(T)
	Nitrite		0.05	Nickel	TVS	TVS
	Phosphorus		0.17	Selenium	TVS	TVS
	Sulfate		WS	Silver	TVS	TVS
	Sulfide		0.002	Uranium		
	į			Zinc	TVS	TVS
d. Mainstem of Temple Gulch and Mor	rgan Gulch from their sources to their confluer	nces with the Yamp	a River.			
3d. Mainstem of Temple Gulch and Mor COLCLY03D Classifications	rgan Gulch from their sources to their confluer Physical and		a River.		Metals (ug/L)	
			MWAT		Metals (ug/L)	chronic
COLCLY03D Classifications pesignation Agriculture		Biological		Aluminum		chronic
OLCLY03D Classifications esignation Agriculture	Physical and	Biological DM	MWAT	Aluminum Arsenic	acute	chronic 100(T)
OLCLY03D Classifications esignation Agriculture eviewable Aq Life Warm 2 Recreation N	Physical and	Biological DM WS-II	MWAT WS-II	-	acute	
COLCLY03D Classifications Agriculture Aq Life Warm 2 Recreation N Agriculture	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Arsenic	acute	 100(T)
COLCLY03D Classifications Agriculture Aq Life Warm 2 Recreation N Agriculture	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Arsenic Beryllium	acute 340 	100(T)
COLCLY03D Classifications Agriculture Aq Life Warm 2 Recreation N Agriculture	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	100(T) TVS
COLCLY03D Classifications Agriculture Aq Life Warm 2 Recreation N Agriculture	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS TVS	 100(T) TVS TVS
OLCLY03D Classifications esignation Agriculture eviewable Aq Life Warm 2 Recreation N ualifiers:	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS TVS	100(T) TVS TVS 100(T)
OLCLY03D Classifications esignation Agriculture eviewable Aq Life Warm 2 Recreation N ualifiers:	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS
OLCLY03D Classifications esignation Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS
OLCLY03D Classifications esignation Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T)
OLCLY03D Classifications esignation Agriculture eviewable Aq Life Warm 2 Recreation N ualifiers:	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
OLCLY03D Classifications esignation Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
OLCLY03D Classifications esignation Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
OLCLY03D Classifications esignation Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T)
COLCLY03D Classifications Designation Agriculture Aq Life Warm 2 Recreation N Dualifiers:	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
COLCLY03D Classifications Designation Agriculture Reviewable Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 630 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

COLCLY03E	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	1,	DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P	Tomporation 5	acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
		-	acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS
3f. Big Gulch							
COLCLY03F	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		pH	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI		100(T)
		Inorgan	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

3g. Mainstem	_						
	Classifications	Physical and	<u>-</u>			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI		100(T)
		Inorgan	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					
3h. Lay Creel	k from the source to the conflu	ience with the Yampa River.			•		
COLCLY03H	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
		D O (mall)					
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	Water Supply	pH	6.5 - 9.0	5.0	Beryllium Cadmium	TVS	TVS
-	Water Supply				1		
	Water Supply	рН	6.5 - 9.0		Cadmium	TVS	TVS
	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0		Cadmium Chromium III	TVS 50(T)	TVS TVS
Qualifiers: Other:	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0	 630	Cadmium Chromium III Chromium VI	TVS 50(T) TVS	TVS TVS TVS
	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	630 chronic	Cadmium Chromium III Chromium VI Copper	TVS 50(T) TVS TVS	TVS TVS TVS TVS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L)	630 chronic	Cadmium Chromium III Chromium VI Copper Iron	TVS 50(T) TVS TVS	TVS TVS TVS TVS WS
-	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	 630 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
-	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	 630 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
<u>-</u>	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	 630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
-	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
<u>-</u>	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	 630 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) TVS
<u>-</u>	water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	630 chronic TVS 0.75 250 0.011 0.05 0.17	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
-	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	630 chronic TVS 0.75 250 0.011 0.05 0.17 WS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS
	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	630 chronic TVS 0.75 250 0.011 0.05 0.17	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

t = total tr = trout sc = sculpin

COLCLY03I	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorgan	Inorganic (mg/L)			TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		4.0	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine		0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		10	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

4. North and South Fork of Fortification Creek, including all wetlands and tributaries, from their sources to their confluence. Little Cottonwood Creek, including all tributaries and wetlands from the source to the confluence with Fortification Creek.

COLCLY04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		205	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
,		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

5. Mainstem o	of Fortification Creek from the	confluence of the North Fork and South Fo	ork to the confluen	ce with the Y	ampa River.		
COLCLY05	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chron	* *	Inorgani	Inorganic (mg/L)			TVS	TVS
•	te of 12/31/2021		acute	chronic	Iron		WS
·		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		į			Zinc	TVS	TVS

6. All tributaries to Fortification Creek, including all wetlands, from the confluence of the North and South Forks to the confluence with the Yampa River, except for the specific listings in Segments 4 and 7.

COLCLY06	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	·	acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
		Inorganic (mg	/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.05	Uranium		
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

i i . iviairistem (oi Lille bear Creek, including a	Ill tributaries and wetlands, from the sour		e willi biy Fl	JIK.		
COLCLY07	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate			Zinc		TVS(sc)
		Sulfide		0.002			
8. Mainstem o	of the East Fork of the Williams	Fork River, including all tributaries and	wetlands which are	within the bo	undaries of the Flat Tops	Wilderness Area.	
COLCLY08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium		
Other:						TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS(tr) 50(T)	TVS
		pH chlorophyll a (mg/m²)	6.5 - 9.0		Chromium III Chromium VI		
						50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	50(T) TVS	TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Chromium VI Copper	50(T) TVS TVS	TVS TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Chromium VI Copper Iron	50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)	 sic (mg/L)	150 126	Chromium VI Copper Iron Iron	50(T) TVS TVS	TVS TVS TVS WS 1000(T)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 sic (mg/L) acute	150 126 chronic	Chromium VI Copper Iron Iron Lead Manganese Manganese	50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia	nic (mg/L) acute TVS	150 126 chronic	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	acute	150 126 chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute TVS	150 126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	sic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	nic (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	sic (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

9. Mainstems of the East and South Forks of the Williams Fork River, including all wetlands and tributaries, which are within the boundary of Routt National Forest, except for the specific listings in Segment 8 and 12c.

COLCLY09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

10. Mainstem of the East Fork of the Williams Fork River including all tributaries and wetlands, from the boundary of Routt National Forest to the confluence with the South Fork of the Williams Fork River.

COLCLY10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	te of 12/31/2021				Iron		WS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COLCLY11	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	_		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:		_					
		Inorganio	c (mg/L)				
			acute	chronic			
Creek includi	m of the South Fork of the Williams For ng all tributaries and wetlands from its s ence with the Williams Fork River.						
COLCLY12A	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorganio	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)

Phosphorus

Sulfate

Sulfide

tr = trout sc = sculpin

11. Deleted.

Uranium

TVS

TVS

Zinc

0.11

WS

0.002

CULULY.	12B Classifications	Physical and	Biological			Metals (ug/L)	
Designati	tion Agriculture		DM	MWAT		acute	chronic
Reviewab	ble Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	- Arsenic	340	0.02(T)
Qualifiers	s:	D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride		250	Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	10		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
12c. Mair	nstem of Beaver Creek, including a	all wetlands and tributaries, which are with	in the Routt Nation	al Forest.			
COLCLY	12C Classifications	Physical and	Biological			Metals (ug/L)	
Designati	 -		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	acute 	6.0	Arsenic Beryllium	340	0.02(T)
)ualifiers	Water Supply	D.O. (spawning)				TVS(tr)	TVS
-	Water Supply	D.O. (spawning) pH		6.0 7.0	Beryllium Cadmium Chromium III	 TVS(tr) 50(T)	TVS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²)		6.0 7.0 150	Beryllium Cadmium	TVS(tr)	TVS
-	Water Supply	D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0	Beryllium Cadmium Chromium III	 TVS(tr) 50(T)	TVS TVS TVS TVS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	6.0 7.0 150	Beryllium Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 150	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 150	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	6.0 7.0 150 205	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L)	6.0 7.0 150 205 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 150 205 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 150 205 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 150 205 chronic TVS 0.75 250	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
-	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	6.0 7.0 150 205 Chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
Qualifiers Other:	Water Supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150 205 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

	Classifications	rom the confluence of the East Fork and S Physical and		ga, 20/10	T Shage at Hammen	Metals (ug/L)	
esignation	Agriculture	Filysical and	DM	MWAT	-	acute	chronic
eviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
cvicwabic	Recreation E	remperature C	acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		0.02-10(1)
ualifiers:	тико: Сирріј	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
•		pH	6.5 - 9.0		Chromium III		TVS
ther:		chlorophyll a (mg/m²)	0.5 - 5.0	150	Chromium VI	50(T) TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
		L. Con (per 100 mz)		120	Iron		WS
			:- (Iron		1000(T)
		inorgan	ic (mg/L)		-	TVS	1000(1) TVS
		A	acute	chronic	Lead		
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese Mercury		0.01(t)
		Chloride		250			0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
		rom the highway 13/789 bridge at Hamilto		with the Yan	npa River.	Matala (contt)	
	Classifications	Physical and	DM	MWAT	_	Metals (ug/L)	alavania
Designation Reviewable	Agriculture	Tomporature %C			Aluminum	acute	chronic
eviewabie	Aq Life Warm 2 Recreation E	Temperature °C	WS-II	WS-II	Aluminum		0.02-10(T) A
	Water Supply	D.O. (mg/l.)	acute	chronic 5.0	Arsenic	340	0.02-10(1)
ualifiers:	water Supply	D.O. (mg/L)			Beryllium		
-		pH	6.5 - 9.0	150	Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper .	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfate Sulfide		WS 0.002	Silver Uranium	TVS TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

14. Deleted.							
COLCLY14	Classifications	Physical and	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
0!:							
Qualifiers:			acute	chronic			
Other:					4		
		inorgan	ic (mg/L)		_		
			acute	chronic			
15. Those por Wash (Moffatt		which are in Colorado, from its first cross	sing of the Colorado	o/Wyoming bo	l order to a point immediat	ely above the confluen	ce with Powde
COLCLY15 Classifications		Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COLCLY16	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		4400(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		ĺ			Zinc	TVS	TVS

17a. All tributaries to the Little Snake River from its first crossing of the Colorado/Wyoming border to a point immediately below the confluence with Fourmile Creek, except for the specific listing in Segment 18.

COLCLY17A	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	рН	6.5 - 9.0		Chromium III	TVS	TVS
Arsenic(chroni	* *	chlorophyll a (mg/m²)		150	Chromium III		100(T)
•	e of 12/31/2021	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate			1		
		Sulfide		0.002	1		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

in Segment 1	./C.						
COLCLY17B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		pH	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI		100(T)
		Inorgani	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide		0.05			
17c. Scandina	avian Gulch from the source to the c	onfluence with the Little Snake Rive	r.				
	avian Gulch from the source to the co	onfluence with the Little Snake Rive Physical and				Metals (ug/L)	
COLCLY17C		i		MWAT		Metals (ug/L)	chronic
COLCLY17C Designation	Classifications	i	Biological	,	Aluminum		chronic
COLCLY17C Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Aluminum Arsenic	acute	
	Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-III	MWAT WS-III	-	acute	chronic 0.02-10(T) ^A
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C	Biological DM WS-III acute	MWAT WS-III chronic	Arsenic	acute 340	
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-III acute	MWAT WS-III chronic 5.0	Arsenic Beryllium	acute 340 	0.02-10(T) ^A
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH	DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	 0.02-10(T) ^A TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS TVS	 0.02-10(T) A TVS TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L)	MWAT WS-III chronic 5.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS TVS	 0.02-10(T) A TVS TVS 100(T)
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L)	MWAT WS-III chronic 5.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-III chronic 5.0 630 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T)
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-III chronic 5.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T) TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-III chronic 5.0 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-III chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T)
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-III chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
COLCLY17C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-III chronic 5.0 630 Chronic TVS 0.75 0.011 10	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
COLCLY17C Designation Reviewable	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-III chronic 5.0 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COLCLY18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
emporary N	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
	nic) = hybrid	E. Coli (per 100 mL)		205	Copper	TVS	TVS
•	ate of 12/31/2021				Iron		WS
•		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
19a. Mainste	m of the Green River within C	olorado (Moffat County) from its entry at th	ne Utah/Colorado b	order to a po	int just above the conflue	ence with the Yampa R	iver.
COLCLY19A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	T00					
	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	Temperature *C	CS-II acute	CS-II chronic	Aluminum Arsenic	340	 0.02(T)
		D.O. (mg/L)			-		
	Recreation E		acute	chronic	Arsenic		0.02(T)
Qualifiers:	Recreation E	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Beryllium	340 	0.02(T)
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	0.02(T) TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Chromium III	340 TVS(tr) 50(T)	 0.02(T) TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 50(T) TVS	0.02(T) TVS TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS TVS TVS TVS
)ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
)ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
)ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
)ualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS TVS US 1000(T) TVS TVS VS 0.01(t)
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS US 1001(t) 160(T)
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS SS 1000(T) TVS TVS US 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other:	Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS SS 1000(T) TVS TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COLCLY19B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

20. All tributaries to the Green River in Colorado, including all wetlands, except for the specific listings in Segments 21and 22a - 22d. All tributaries to the Yampa River from a point immediately below the confluence with the Little Snake River to the confluence with the Green River, except for the specific listings in segments 15 through 18.

COLCLY20	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		рН	6.5 - 9.0		Chromium III		100(T)
		chlorophyll a (mg/m²)		150	Chromium VI		100(T)
		E. Coli (per 100 mL)		126	Copper		200(T)
					Iron		
		Inorganic (mg	ı/L)		Lead		100(T)
			acute	chronic	Manganese		200(T)
		Ammonia			Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel		200(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver		
		Nitrate	100		Uranium		
		Nitrite		10	Zinc		2000(T)
		Phosphorus		0.11			
		Sulfate					
		Sulfide		0.05			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

LI. Mamblelli	of Beaver Creek, including all						
COLCLY21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
22a. Mainster	m of Vermillion Creek, including	all tributaries and wetlands, from the Co	olorado/Wyoming b	order to a po	int just below the conflue	nce with Talamantes C	reek.
COLCLY22A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	1		
Qualifiers:		•		CHIOHIC	Arsenic	340	7.6(T)
Other:		D.O. (mg/L)		6.0	Arsenic Beryllium	340	7.6(T)
1		D.O. (mg/L) D.O. (spawning)					
				6.0	Beryllium		
		D.O. (spawning)		6.0 7.0	Beryllium Cadmium	 TVS(tr)	TVS
		D.O. (spawning) pH	 6.5 - 9.0	6.0 7.0 	Beryllium Cadmium Chromium III	TVS(tr)	TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium III	TVS(tr) TVS	TVS TVS 100(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI	TVS(tr) TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	6.0 7.0 	Beryllium Cadmium Chromium III Chromium VI Copper	TVS(tr) TVS TVS TVS	TVS TVS 100(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	6.0 7.0 630	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS(tr) TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L)	6.0 7.0 630	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS(tr) TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 630 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T)
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 630 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	6.0 7.0 630 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	6.0 7.0 630 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	6.0 7.0 630 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	6.0 7.0 630 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS
		D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	6.0 7.0 630 chronic TVS 0.75 0.011 0.05	Beryllium Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

COLCLY22B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	7.6(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		
ther:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
2c. Mainster	n of Vermillion Creek from HWY	′ 318 to the confluence with the Green F	River.		1		
	Classifications	Physical and				Metals (ug/L)	
esignation	Agriculture		DM				-
			DIVI	MWAT	1	acute	chronic
	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Aluminum	acute	chronic
	⊣ ັ	Temperature °C			Aluminum Arsenic	acute 340	
eviewable	Aq Life Warm 1	Temperature °C D.O. (mg/L)	WS-III	WS-III	-		
eviewable ualifiers:	Aq Life Warm 1	·	WS-III acute	WS-III chronic	Arsenic	340	
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L)	WS-III acute	WS-III chronic 5.0	Arsenic Beryllium	 340 	7.6(T)
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L)	WS-III acute 6.5 - 9.0	WS-III chronic 5.0	Arsenic Beryllium Cadmium	 340 TVS	7.6(T) TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0 	WS-III chronic 5.0 150	Arsenic Beryllium Cadmium Chromium III	340 TVS TVS	7.6(T) TVS TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-III acute 6.5 - 9.0 ic (mg/L)	WS-III chronic 5.0 150	Arsenic Beryllium Cadmium Chromium III Chromium III	 340 TVS TVS	7.6(T) TVS TVS 100(T)
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-III acute 6.5 - 9.0 ic (mg/L) acute	WS-III chronic 5.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-III acute 6.5 - 9.0 ic (mg/L)	ws-III chronic 5.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-III chronic 5.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	340 TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-III chronic 5.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	340 TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	ws-III chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-III chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-III chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS
eviewable ualifiers:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	ws-III chronic 5.0 150 126 chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
eviewable ualifiers: ther:	Aq Life Warm 1	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	WS-III acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-III chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

22d. Conway	Draw						
COLCLY22D	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic		0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		4.0(T)
Qualifiers:		D.O. (spawning)		7.0	Cadmium	5.0(T)	
Other:		pН	6.5 - 9.0		Chromium III	50(T)	
		chlorophyll a (mg/m²)		150	Chromium VI	50(T)	
		E. Coli (per 100 mL)		126	Copper		200(T)
					Iron		WS
		Inorganic (n	ng/L)		Lead	50(T)	
			acute	chronic	- Manganese		WS
		Ammonia			Manganese		200(T)
		Boron		0.75	Mercury	2.0(t)	
		Chloride		250	Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		100(T)
		Nitrate	10		Selenium		20(T)
		Nitrite		0.05	Silver		
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc		2000(T)
		Sulfide		0.05	i		
except for the	nd reservoirs tributary to the Yampa Ri specific listings in segments 24-32. Th	s segment includes Martin Cull Res	ervoir, and OV		. ,		tle Snake River
COLCLY23	Classifications	Physical and Biol				Metals (ug/L)	
Designation	Agriculture	T	DM	MWAT	lat	acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		7.0(T)
O!:E	Recreation U		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		20	Chromium III	TVS	TVS
and reservoirs	larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		100(T)
	chronic) = applies only to lakes and er than 25 acres surface area.	Inorganic (n			Chromium VI	TVS	TVS
			acute	chronic	Copper .	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

COLCLY24	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III		100(T)
Phosphorus((chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
eservoirs lar	ger than 25 acres surface area.				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.025*	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

25. All lakes and reservoirs tributary to Fortification Creek from the source to the confluence of the North and South Forks. All lakes and reservoirs tributary to Little Cottonwood Creek from the source to the confluence with Fortification Creek, except for the specific listing in segment 24. All lakes and reservoirs tributary to Little Bear Creek from the source to the confluence with the Dry Fork.

COLCLY25	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and				Iron		WS
eservoirs larç	ger than 25 acres surface area.	Inorganic ((mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

	ind reservoirs inductory to Fortilication C	reek, including Ralph White Lake	e, except for speci	fic listings in s	segments 24 and 25.		
COLCLY26	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		100(T)
Phosphorus(d	chronic) = applies only to lakes and	Inorganio	c (mg/L)		Chromium VI	TVS	TVS
eservoirs larg	er than 25 acres surface area.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS(tr)
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
27. All lakes a	and reservoirs tributary to Milk Creek fro	n Thornburgh (County Rd 15) to	the confluence w	ith the Yampa	a River, including Wilson	Reservoir.	
COLCLY27	Classifications	Physical and E	Biological	•		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	·
						acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		chronic
Reviewable	Aq Life Warm 1 Recreation U	Temperature °C	WL acute		Aluminum Arsenic		
	· .	Temperature °C D.O. (mg/L)		WL			
	Recreation U		acute	WL chronic	Arsenic	340	 0.02(T)
	Recreation U	D.O. (mg/L)	acute 	WL chronic 5.0	Arsenic Beryllium	 340 	0.02(T)
Qualifiers:	Recreation U	D.O. (mg/L) pH	acute 6.5 - 9.0	WL chronic 5.0	Arsenic Beryllium Cadmium	 340 TVS	0.02(T) TVS
Qualifiers: Other:	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) pH chlorophyll a (ug/L)	acute 6.5 - 9.0 	WL chronic 5.0 20*	Arsenic Beryllium Cadmium Chromium III	 340 TVS 50(T)	 0.02(T) TVS TVS
Qualifiers: Other: rchlorophyll a and reservoirs	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 	WL chronic 5.0 20*	Arsenic Beryllium Cadmium Chromium III Chromium VI	 340 TVS 50(T) TVS	 0.02(T) TVS TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(o	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 c (mg/L)	WL chronic 5.0 20* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(a	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio	acute 6.5 - 9.0 c (mg/L) acute	WL chronic 5.0 20* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(a	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio	acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(a	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron	acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(a	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	340 TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(a	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(o	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(o	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	340 TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(o	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: rchlorophyll a and reservoirs	Recreation U Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.05 0.083*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum MWAT = maximum weekly average temperature See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

	and reservoirs and attary to the East Fork	of the Williams Fork River, with	n the boundaries o	тте настор	is wilderness Area.		
COLCLY28	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	er than 25 acres surface area.	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		.0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
29. All lakes a	and reservoirs tributary to the East and	South Forks of the Williams Forl	River, and lakes a	and reservoirs	s tributary to the mainster	m of the Williams Fork F	River, from the
source to the	Highway 13/789 bridge at Hamilton, ex	cept for the specific listings in se	egment 28.	and reservoirs	s tributary to the mainster		River, from the
source to the	Highway 13/789 bridge at Hamilton, ex Classifications		egment 28. Biological		s tributary to the mainster	Metals (ug/L)	
source to the COLCLY29 Designation	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture	cept for the specific listings in se Physical and	egment 28. Biological DM	MWAT		Metals (ug/L)	River, from the
source to the	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1	cept for the specific listings in se	egment 28. Biological DM CL	MWAT	Aluminum	Metals (ug/L) acute	chronic
source to the COLCLY29 Designation	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	egment 28. Biological DM CL acute	MWAT CL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	
source to the COLCLY29 Designation Reviewable	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
source to the COLCLY29 Designation	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute	MWAT CL chronic	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
source to the COLCLY29 Designation Reviewable	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other:	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH	egment 28. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	egment 28. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	egment 28. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	egment 28. Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L)	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
source to the COLCLY29 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i	Highway 13/789 bridge at Hamilton, ex Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	egment 28. Biological DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

30. All lakes and reservoirs tributary to Milk Creek from the source to Thornburgh (County Rd 15). All lakes and reservoirs tributary to Morapos Creek from the source to the confluence with the Williams Fork River. COLCLY30 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Cold 1 Reviewable Temperature °C CL Aluminum CL Recreation U chronic 340 7.6(T) acute Arsenic Qualifiers: D.O. (mg/L) 6.0 Beryllium D.O. (spawning) 7.0 Cadmium TVS(tr) **TVS** Other: рН 6.5 - 9.0 Chromium III **TVS TVS** *chlorophyll a (ug/L)(chronic) = applies only to lakes chlorophyll a (ug/L) Chromium III 100(T) and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and E. Coli (per 100 mL) 126 Chromium VI TVS TVS reservoirs larger than 25 acres surface area. Copper TVS **TVS** Inorganic (mg/L) Iron ---1000(T) Lead TVS TVS acute chronic **TVS** TVS Manganese **TVS TVS** Ammonia Mercury ---0.01(t)0.75 Boron Molybdenum 160(T) Chloride Nickel TVS TVS Chlorine 0.019 0.011 0.005 Selenium **TVS TVS** Cyanide Silver **TVS** TVS(tr) Nitrate 100 Nitrite 0.05 Uranium Zinc TVS TVS Phosphorus 0.025* Sulfate Sulfide 0.002

31. All lakes and reservoirs tributary to Slater Creek, from the source to a point just below the confluence with Second Creek, including Slater Creek Lake. All lakes and reservoirs tributary to Fourmile and Willow Creeks from their sources to the boundary of the Routt National Forest.

COLCLY31	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	ger than 25 acres surface area.	Inorganic (ı	ng/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

32. All lakes and reservoirs tributary to the Yampa River from a point just below the confluence with the Little Snake River to the confluence with the Green River. All lakes and reservoirs tributary to the Green River in Colorado, including Hog Lake, except for specific listings in segment 33. **Physical and Biological** Metals (ug/L) COLCLY32 Classifications Designation Agriculture DM **MWAT** acute chronic Aq Life Warm 1 WL Reviewable WL Temperature °C Aluminum Recreation E 340 acute chronic Arsenic 7.6(T) **Oualifiers:** D.O. (mg/L) 5.0 Beryllium рΗ 6.5 - 9.0---Cadmium TVS **TVS** Other: 20* chlorophyll a (ug/L) ---Chromium III **TVS TVS** *chlorophyll a (ug/L)(chronic) = applies only to lakes E. Coli (per 100 mL) 126 Chromium III 100(T) and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and Inorganic (mg/L) Chromium VI **TVS TVS** reservoirs larger than 25 acres surface area. chronic Copper TVS **TVS** acute Ammonia TVS TVS Iron 1000(T) TVS Lead TVS Boron 0.75 Manganese TVS **TVS** Chloride Mercury 0.01(t)0.019 0.011 Chlorine Molybdenum 160(T) Cyanide 0.005 Nickel TVS TVS Nitrate 100 0.05 Selenium TVS **TVS** Nitrite **TVS TVS** Phosphorus 0.083* Sulfate Uranium TVS TVS Zinc Sulfide 0.002 33. All lakes and reservoirs tributary to Beaver Creek from the source to the confluence with the Green River. All lakes and reservoirs tributary to Vermillion Creek from the Colorado/Wyoming border to a point just below the confluence with Talamantes Creek COLCLY33 Classifications Physical and Biological Metals (ug/L) Designation Agriculture **MWAT** DM acute chronic Reviewable Aa Life Cold 1 Temperature °C CL CL Aluminum Recreation U acute chronic 340 0.02(T) Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium Qualifiers: D.O. (spawning) 7.0 Cadmium TVS(tr) **TVS** 6.5 - 9.0 TVS pН ---Chromium III 50(T) Other: chlorophyll a (ug/L) 8* Chromium VI TVS TVS *chlorophyll a (ug/L)(chronic) = applies only to lakes E. Coli (per 100 mL) 126 **TVS TVS** Copper and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and WS Iron reservoirs larger than 25 acres surface area. 1000(T) Inorganic (mg/L) Iron **TVS TVS** chronic Lead acute TVS Manganese **TVS TVS TVS** Ammonia Manganese WS 0.75 Boron ---250 Mercury 0.01(t)Chloride Molybdenum 160(T) Chlorine 0.019 0.011 ---0.005 Nickel **TVS TVS** Cyanide TVS TVS 10 Selenium Nitrate 0.05 Silver TVS TVS(tr) Nitrite Phosphorus 0.025* Uranium ------

All metals are dissolved unless otherwise noted.

Sulfate

Sulfide

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

WS

0.002

Zinc

TVS

TVS

REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS White River

1. All tributarie	es to the White River, including	all wetlands, which are within the bound	laries of the Flat To	ps Wildernes	ss Area.		
COLCWH01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)
2. Deleted.					•		
COLCWH02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	_		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			

REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS White River

OLCWH03	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese		TVS
		Boron		0.75	Manganese	TVS	WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	Zinc		TVS(sc)

4a. All tributaries to the North Fork of the White River, including all wetlands, from the Flat Tops Wilderness Area boundary to the confluence with the South Fork of the White River except for the specific listings in Segment 1 and 4b.

COLCWH04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
,	e of 12/31/2021				Iron		WS
,		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

4b. Mainstem	s of Lost Creek and Snell Creek, includ	ling all wetlands and tributaries, from t	ne Flat Tops	Wilderness a	rea to the boundary of t	he White River National	Forest.
COLCWH04B	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
					Iron		WS
		Inorganic (mo	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
5. Deleted.							
COLCWH05	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	_		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorganic (mọ	g/L)				
			acute	chronic			

COLCWH06	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture		-		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:			pН		6.5 - 9.0		Chromium III	50(T)	TVS
			chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)			126	Copper	TVS	TVS
							Iron		WS
			ı	norganic (mg/	L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus			0.11	Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002	Zinc		TVS(sc)
7. Mainstem	of the White River from	m a point immedia	tely above the confluenc	e with Miller Cr	eek to a poi	nt immediate	ly above the confluence	with Piceance Creek.	
COLCWH07	Classifications		Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture	·			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	3/2 - 11/30			acute	chronic	Arsenic	340	0.02(T)
	Recreation P	12/1 - 3/1	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			pH		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)			150*	Chromium VI	TVS	TVS
Γemporary M	lodification(s):		E. Coli (per 100 mL)	3/2 - 11/30		126	Copper	TVS	TVS
Arsenic(chror			E. Coli (per 100 mL)	12/1 - 3/1		205	Iron		WS
Expiration Da	te of 12/31/2021		1	norganic (mg/	L)		Iron		1000(T)
chlorophyll a	(mg/m²)(chronic) = a	nnlies only ahove			acute	chronic	Lead	TVS	TVS
he facilities li	sted at 37.5(4).		Ammonia		TVS	TVS	Manganese	TVS	TVS
Phosphorus(acilities listed	chronic) = applies onl Lat 37 5(4)	y above the	Boron			0.75	Manganese		WS
aominos notos			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
							Uranium		
			Phosphorus			0.11*	Oranium		
			Phosphorus Sulfate			0.11* WS	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

8. All tributaries to the White River, including all wetlands, from the confluence of the North and South Forks to a point immediately above the confluence with Piceance Creek, which are within the boundaries of White River National Forest.

COLCWH08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
ı		Sulfide		0.002			

9a. All tributaries to the White River, including all wetlands, from the confluence of the North and South Forks to a point immediately above the confluence with Flag Creek, which are not within the boundary of National Forest lands, except for the specific listings in Segments 9c, 9d and 10b.

COLCWH09A	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

			ands, from a point immedia					itely above the confluen	ce with Piceance
	Classifications		1	al and Biolog				Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
	Aq Life Cold 2		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation N		·		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
			chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
			E. Coli (per 100 mL)			630	Copper	TVS	TVS
							Iron		WS
			li li	norganic (mg/	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus			0.11	Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			.,,
9c Mainstems	of Flag Creek incl	luding all tributari	es and wetlands, from the s	source to a noi			l ace with the East Fork	of Flag Creek	
	Classifications	idanig an tributari	· ·	al and Biolog		the connect	loc war the East Fork	Metals (ug/L)	
	Agriculture		,,,,,		DM	MWAT		acute	chronic
	Aq Life Cold 2		Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E	6/1 - 8/31			acute	chronic	Arsenic	340	0.02-10(T) A
	Recreation N	9/1 - 5/31	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:	l.		pH		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	6/1 - 8/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	9/1 - 5/31		630	Iron		WS
				norganic (mg/	/I)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus			0.03	Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			, , ,
			Sulliue			0.002			

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

9d. Sulphur Creek, including all tributaries and wetlands, from the source to the confluence with the White River. Flag Creek, including all tributaries and wetlands, from a point just below the confluence with the East Fork of Flag Creek to the confluence with the White River.

COLCWH09D	Classifications		Physic	al and Biolog	gical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E	6/1 - 8/31			acute	chronic	Arsenic	340	0.02-10(T) A
	Recreation N	9/1 - 5/31	D.O. (mg/L)			6.0	Beryllium		
	Water Supply		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Qualifiers:			рН		6.5 - 9.0		Chromium III	50(T)	TVS
Other:			chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
			E. Coli (per 100 mL)	6/1 - 8/31		126	Copper	TVS	TVS
			E. Coli (per 100 mL)	9/1 - 5/31		630	Iron		WS
			II.	norganic (mg	/L)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Manganese		WS
			Chloride			250	Mercury		0.01(t)
			Chlorine		0.019	0.011	Molybdenum		160(T)
			Cyanide		0.005		Nickel	TVS	TVS
			Nitrate		10		Selenium	TVS	TVS
			Nitrite			0.05	Silver	TVS	TVS(tr)
			Phosphorus			0.11	Uranium		
			Sulfate			WS	Zinc	TVS	TVS
			Sulfide			0.002			

10a. All lakes and reservoirs tributary to the White River, from the confluence of the North and South Forks of the White River to a point immediately above the confluence of the White River and Piceance Creek, except for specific listing in Segments 11, 25 and 27.

COLCWH10A Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:	рН	6.5 - 9.0		Chromium III	50(T)	TVS
	chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
*chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
ervoirs larger than 25 acres surface area.	Inorganic (m	ng/L)		Iron		1000(T)
		acute	chronic	Lead	TVS	TVS
	Ammonia	TVS	TVS	Manganese	TVS	TVS
	Boron		0.75	Manganese		WS
	Chloride		250	Mercury		0.01(t)
	Chlorine	0.019	0.011	Molybdenum		160(T)
	Cyanide	0.005		Nickel	TVS	TVS
	Nitrate	10		Selenium	TVS	TVS
	Nitrite		0.05	Silver	TVS	TVS(tr)
	Phosphorus		0.025*	Uranium		
	Sulfate		WS	Zinc	TVS	TVS
	Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COL CAMILAGE	River. Mainstem of Coal Creek, includ	<u> </u>	Diological		1	Motole (ue# \	
	Classifications	Physical and				Metals (ug/L)	-1
Designation	Agriculture	T	DM	MWAT	A1	acute	chronic
Reviewable	Aq Life Cold 1 Recreation P	Temperature °C	CS-I	CS-I	Aluminum		
	Water Supply	D O (mall)	acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	water Supply	D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)	 6 F 0 O	7.0	Cadmium	TVS(tr)	TVS
Other:		pH chlorophyll a (mg/m²)	6.5 - 9.0	150	Chromium III	50(T)	TVS
Temporary M	odification(s):	1,7,4,9,7		150	Chromium VI	TVS	TVS
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		205	Copper	TVS 	TVS
Expiration Dat	e of 12/31/2021				Iron		WS
		Inorgar	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		T) (C
		Sulfate		WS	Zinc	TVS	TVS
11 Die Blener	a Lake and Taylor Draw Decement (a.k.	Sulfide		0.002			
	Lake and Taylor Draw Reservoir (a.k	a. Kenney Reservoir). Physical and	Biological			Matala (vall)	
	Ciassifications	r ilysical allu					
	Agriculture			MWAT		Metals (ug/L)	chronic
	Agriculture	Temperature °C	DM	MWAT	Aluminum	acute	chronic
	Aq Life Warm 1	Temperature °C	DM WL	WL	Aluminum	acute	
	Aq Life Warm 1 Recreation E		DM WL acute	WL	Arsenic	acute 340	chronic 0.02(T)
Reviewable	Aq Life Warm 1	D.O. (mg/L)	DM WL acute	WL chronic 5.0	Arsenic Beryllium	acute 340 	0.02(T)
Reviewable	Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L) pH	DM WL acute	WL chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	0.02(T) TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute 6.5 - 9.0	WL chronic 5.0 20*	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	0.02(T) TVS TVS TVS
Qualifiers: Other: chlorophyll a	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 	WL chronic 5.0 20* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: chlorophyll a und reservoirs	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar	DM WL acute 6.5 - 9.0 aic (mg/L) acute	WL chronic 5.0 20* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS
Qualifiers: Other: chlorophyll a ind reservoirs Classification	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: chlorophyll a and reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: Chlorophyll a nd reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Chlorophyll a nd reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: chlorophyll a and reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	WL chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: chlorophyll a and reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
Qualifiers: Other: Chlorophyll a nd reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: Chlorophyll a nd reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 10 c (mg/L) acute TVS 0.019 0.005 10 -	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.05 0.083*	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Qualifiers: Other: chlorophyll a and reservoirs Classification Phosphorus(o	Aq Life Warm 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Kenney Reservoir = DUWS chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	wL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr = trout

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COLCWH12 Classifications	Physical and	Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02(T)
Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Femporary Modification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid	Inorgan	ic (mg/L)		Copper	TVS	TVS
rsenic(chronic) = hybrid xpiration Date of 12/31/2021		acute	chronic	Iron		WS
	Ammonia	TVS	TVS	Iron		1000(T)
	Boron		0.75	Lead	TVS	TVS
	Chloride		250	Manganese	TVS	TVS
	Chlorine	0.019	0.011	Manganese		WS
	Cyanide	0.005		Mercury		0.01(t)
	Nitrate	10		Molybdenum		160(T)
	Nitrite		0.05	Nickel	TVS	TVS
	Phosphorus			Selenium	TVS	TVS
	Sulfate		WS	Silver	TVS	TVS
	Sulfide		0.002	Uranium		
	į			Zinc	TVS	TVS

13a. All tributaries to the White River, including all wetlands, from a point immediately below the confluence with Piceance Creek to a point immediately above the confluence with Douglas Creek, except for the specific listings in Segments 13b through 20.

COLCWH13A	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI		100(T)
		Inorganic (mg	/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

13b. Mainstem of Yellow Creek including all wetlands from the source to immediately below the confluence with Barcus Creek. All tributaries to Yellow Creek from the source to the White River, including wetlands Metals (ug/L) COLCWH13B Classifications Physical and Biological Designation Agriculture DM **MWAT** acute chronic Aq Life Warm 2 WS-III WS-III Reviewable Temperature °C Aluminum Recreation P 0.02-10(T) A 340 acute chronic Arsenic Water Supply D.O. (mg/L) 5.0 Beryllium **Qualifiers:** рΗ 6.5 - 9.0 ---Cadmium TVS TVS 150* chlorophyll a (mg/m²) ---Chromium III Other: 50(T) **TVS** E. Coli (per 100 mL) 205 Chromium VI TVS TVS *chlorophyll a (mg/m²)(chronic) = applies only above Copper TVS TVS Inorganic (mg/L) the facilities listed at 37.5(4). *Phosphorus(chronic) = applies only above the chronic Iron WS acute facilities listed at 37.5(4). Ammonia TVS TVS Iron 1000(T) *Selenium(chronic) = 5.7 ug/L for Corral Gulch. 6.0 ug/L for Greasewood Creek. Lead TVS TVS Boron 5.0 6.9 ug/L for Yellow Creek. Chloride 250 Manganese TVS TVS 7.9 ug/L for Duck Creek. TVS for all other tributaries. Manganese WS Chlorine 0.019 0.011 See assessment locations at 37.6(4) 0.01(t)Cyanide 0.005 Mercury 160(T) Molybdenum Nitrate 10 ---0.05 Nickel **TVS TVS** Nitrite Selenium **TVS** varies* **Phosphorus** 0.17* Sulfate WS Silver TVS TVS Uranium Sulfide 0.002 ---Zinc **TVS** TVS 13c. Mainstem of Yellow Creek, including all wetlands from immediately below the confluence with Barcus Creek to the confluence with the White River. COLCWH13C Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** chronic acute Aq Life Warm 2 Reviewable Temperature °C WS-II WS-II Aluminum Recreation P acute chronic 340 100(T) Arsenic Qualifiers: D.O. (mg/L) 5.0 Beryllium 6.5 - 9.0 Cadmium **TVS TVS** Other: chlorophyll a (mg/m²) 150 Chromium III **TVS TVS** *Iron(chronic) = See assessment location at 37.6(4) E. Coli (per 100 mL) 205 Chromium III 100(T) ---Inorganic (mg/L) Chromium VI TVS **TVS** Copper **TVS TVS** acute chronic 1625(T)* Ammonia TVS TVS Iron Lead TVS TVS Boron 5.0 Manganese TVS **TVS** Chloride Chlorine 0.019 0.011 Mercury 0.01(t)0.005 Molybdenum 160(T) Cyanide Nickel TVS TVS Nitrate 100 Selenium **TVS TVS** Nitrite 10 0.17 Silver TVS TVS Phosphorus Uranium Sulfate Zinc TVS TVS Sulfide ---0.002

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

13d. Violett Sp	Classifications	Physical and	d Biological			Metals (ug/L)	
Designation Designation	Agriculture	1 Hysical and	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation P	Temperature 0	acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
-		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		8*	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)		205	Chromium III		100(T)
	larger than 25 acres surface area.	,	nic (mg/L)		Chromium VI	TVS	TVS
	er than 25 acres surface area.	morga	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		5.0	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
					Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate			Selenium	TVS	TVS
		Nitrite		10	Silver	TVS	TVS
		Phosphorus		0.025*	Uranium		
		Sulfate				TVS	
		Sulfide		0.002	Zinc	173	TVS
	n of Piceance Creek from the source to Classifications	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '		k.	1	Matala (vall.)	
	,	Physical and		MANAT		Metals (ug/L)	ahrania
Designation Reviewable	Agriculture Ag Life Cold 1	Tomporature %C	DM	MWAT	Aluminum	acute	chronic
Reviewable	Recreation P	Temperature °C	CS-I acute	CS-I chronic	Aluminum		
	Water Supply	D.O. (ma/l.)			Arsenic	340	0.02(T)
Qualifiers:	water Supply	D.O. (mg/L)		6.0	Beryllium		
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
		- I- I I- II (12)		450	la		
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150 205	Copper	TVS TVS	TVS
		. , , , ,			Copper Iron	TVS	TVS WS
		E. Coli (per 100 mL)			Copper Iron Iron	TVS TVS 	TVS WS 1000(T)
		E. Coli (per 100 mL)			Copper Iron	TVS TVS TVS	TVS WS 1000(T) TVS
		E. Coli (per 100 mL)	 nic (mg/L)	205 chronic TVS	Copper Iron Iron Lead Manganese	TVS TVS 	TVS WS 1000(T) TVS TVS
		E. Coli (per 100 mL)	 nic (mg/L) acute	chronic TVS 0.75	Copper Iron Iron Lead	TVS TVS TVS	TVS WS 1000(T) TVS TVS WS
		E. Coli (per 100 mL) Inorga Ammonia	nic (mg/L) acute TVS	205 chronic TVS	Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
		E. Coli (per 100 mL) Inorga Ammonia Boron	nic (mg/L) acute TVS	chronic TVS 0.75	Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS
		E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	nic (mg/L) acute TVS	205 chronic TVS 0.75 250	Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
		E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	nic (mg/L) acute TVS 0.019	205 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	nic (mg/L) acute TVS 0.019 0.005	205 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	nic (mg/L) acute TVS 0.019 0.005 10	205 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nic (mg/L) acute TVS 0.019 0.005 10	205 chronic TVS 0.75 250 0.011 0.05	Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

_14b. Mainsten	n of Piceance Creek from a poi	nt just below the confluence with Hunter	Creek to a point ju	st below the	confluence with Ryan Gı	ılch.	
	Classifications	Physical and			, , , , , , ,	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
		t just below the confluence with Ryan Goow the confluence with Little Reigan Gu					
COLCWH15	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.11	Silver	TVS	TVS
					1,1,		
		Sulfate			Uranium		

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

16a. All tributaries to Piceance Creek, including all wetlands, from the source to a point immediately below the confluence with Dry Thirteenmile Creek, except for the specific listings in Segments 15, 17, 18, 19 and 20. Dudley Gulch.

COLCWH16A	A Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
		Inorgan	nic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		į			Zinc	TVS	TVS

16b. All tributaries to Piceance Creek, including all wetlands, from a point immediately below the confluence with Dry Thirteenmile Creek to the confluence with the White River, except for the specific listings in Segments 15, 17, 18, 19 and 20.

COLCWH16B	Classifications	Physical and Biolog	jical		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.11	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COLCWH17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	7.6(T)
ualifiers:	<u>'</u>	D.O. (mg/L)		6.0	Beryllium		
sh Ingestic	on	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide					
		Jouing		0.002			
8a. Willow a	and Hunter Creeks, including				ceance Creek.		
	and Hunter Creeks, including	all tributaries and wetlands, from their sour Physical and	ces to their conflue		ceance Creek.	Metals (ug/L)	
OLCWH18/	A Classifications	all tributaries and wetlands, from their sour	ces to their conflue		ceance Creek.	Metals (ug/L)	chronic
OLCWH18/ esignation	A Classifications	all tributaries and wetlands, from their sour	ces to their conflue	nces with Pid	ceance Creek.		chronic
OLCWH18/ esignation	A Classifications Agriculture	all tributaries and wetlands, from their sour Physical and	ces to their conflue Biological DM	nces with Pio		acute	chronic 100(T)
OLCWH18A esignation eviewable	A Classifications Agriculture Aq Life Cold 2	all tributaries and wetlands, from their sour Physical and	ces to their conflue Biological DM CS-II	MWAT CS-II	Aluminum	acute	
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	all tributaries and wetlands, from their sour Physical and Temperature °C	ces to their conflue Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute 340	
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	ces to their conflue Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	100(T)
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Temperature °C D.O. (mg/L) D.O. (spawning)	ces to their conflue Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	100(T) TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) TVS	100(T) TVS TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	ces to their conflue Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS(tr) TVS	100(T) TVS TVS 100(T)
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ces to their conflue Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) TVS TVS	100(T) TVS TVS 100(T) TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ces to their conflue Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) TVS TVS	100(T) TVS TVS 100(T) TVS TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS 1000(T)
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS 100(T) TVS 100(T) TVS 1000(T) TVS 0.01(t)
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
OLCWH18A esignation eviewable ualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 630 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
esignation eviewable pualifiers:	A Classifications Agriculture Aq Life Cold 2	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS
	A Classifications Agriculture Aq Life Cold 2	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ces to their conflue Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-II chronic 6.0 7.0 630 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

COLCWH18E	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
				***	1=0	1 7 3	
		Sulfide		0.002		173	
.9. Mainstem	of Fawn Creek from the sour	Sulfide ree to the confluence with Black Sulphur C				143	
	of Fawn Creek from the sour		reek.			Metals (ug/L)	
OLCWH19		ce to the confluence with Black Sulphur C	reek.				chronic
OLCWH19 esignation	Classifications	ce to the confluence with Black Sulphur C	reek. Biological	0.002	Aluminum	Metals (ug/L)	
OLCWH19 esignation	Classifications Agriculture	ce to the confluence with Black Sulphur C Physical and	reek. Biological DM	0.002 MWAT		Metals (ug/L)	
esignation eviewable	Classifications Agriculture Aq Life Cold 1	ce to the confluence with Black Sulphur C Physical and	reek. Biological DM CS-I	0.002 MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
esignation eviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	ce to the confluence with Black Sulphur C Physical and Temperature °C	reek. Biological DM CS-I acute	0.002 MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 7.6(T)
esignation eviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	reek. Biological DM CS-I acute	0.002 MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning)	reek. Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 7.6(T) TVS
esignation eviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH	reek. Biological DM CS-I acute 6.5 - 9.0	0.002 MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	chronic 7.6(T) TVS TVS
esignation eviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	reek. Biological DM CS-I acute 6.5 - 9.0	0.002 MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	chronic 7.6(T) TVS TVS 100(T)
esignation eviewable pualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	reek. Biological DM CS-I acute 6.5 - 9.0	0.002 MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
esignation eviewable pualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	reek. Biological DM CS-I acute 6.5 - 9.0	0.002 MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
olcwH19 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	0.002 MWAT CS-I chronic 6.0 7.0 150 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
esignation eviewable pualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 MWAT CS-I chronic 6.0 7.0 150 205	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
esignation eviewable pualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
esignation eviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS
esignation eviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	0.002 MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 160(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	0.002 MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	0.002 MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS
19. Mainstem COLCWH19 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	0.002 MWAT CS-I chronic 6.0 7.0 150 205 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	reek. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	0.002 MWAT CS-I chronic 6.0 7.0 150 205 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

	ns of Black Sulphur Creek inclu						
COLCWH20	Classifications	Physical and	<u>_</u>			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.03	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002		173	173
21 Mainatam	of the White Diver from a pair				/I Itah hardar		
COLCWH21	Tot the white River from a poil	nt immediately above the confluence with	Douglas Creek to t	rie Colorado	Otan border.		
	Classifications	Dhysical and	Riological			Metals (un/L)	
	Classifications	Physical and	<u>-</u>	MMAT		Metals (ug/L)	chronic
Designation	Agriculture		DM	MWAT	Aluminum	acute	chronic
Designation	Agriculture Aq Life Warm 1	Physical and Temperature °C	DM WS-II	WS-II	Aluminum	acute	
Designation	Agriculture Aq Life Warm 1 Recreation E	Temperature °C	DM WS-II acute	WS-II chronic	Arsenic	acute 340	0.02(T)
Designation Reviewable	Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L)	DM WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	acute 340 	0.02(T)
Designation Reviewable	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	ws-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	0.02(T) TVS
Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	ws-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS 50(T)	0.02(T) TVS TVS 100(T)
Designation Reviewable Qualifiers: Other: Femporary M	Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS 50(T) TVS	0.02(T) TVS TVS 100(T) TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 50(T)	0.02(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 ic (mg/L)	WS-II chronic 5.0 126	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS 50(T) TVS	0.02(T) TVS TVS 100(T) TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	ws-II chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS 100(T) TVS WS 1000(T)
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-II chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-II chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 50(T) TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	ws-II chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS WS 1000(T) TVS WS 1000(T) TVS WS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Mercury	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS WS 1000(T) TVS WS 0.01(t)
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron	Agriculture Aq Life Warm 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.05 ws	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS 100(T) TVS TVS WS 1000(T) TVS WS 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted. $\label{eq:tau} T = total \ recoverable \\ t = total$

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COLCWH22	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic		100(T)
ualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
ther:		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI		100(T)
		Inorgan	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					
23. Mainstem	s of East Douglas Creek and	West Douglas Creek, including all tributar	ies and wetlands. fi	rom their sou	I rces to their confluence.		
OLCWH23	Classifications	Physical and				Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
	1 - difi +i (-) .	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
emporary M	lodification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
rsenic(chron	, ·				Iron		WS
rsenic(chron	te of 12/31/2021	Inorgan	ic (ma/L)		-		
rsenic(chron	, ·	Inorgan	ic (mg/L)	chronic	Iron Iron Lead		1000(T)
rsenic(chron	, ·		acute	chronic TVS	Iron Lead		
rsenic(chron	, ·	Ammonia		TVS	Iron Lead Manganese	TVS	1000(T) TVS
rsenic(chron	, ·	Ammonia Boron	acute TVS	TVS 0.75	Iron Lead Manganese Manganese	TVS TVS	1000(T) TVS TVS WS
rsenic(chron	, ·	Ammonia Boron Chloride	acute TVS 	TVS 0.75 250	Iron Lead Manganese Manganese Mercury	TVS TVS	1000(T) TVS TVS WS 0.01(t)
rsenic(chron	, ·	Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T)
rsenic(chron	, ·	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS
rsenic(chron	, ·	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
rsenic(chron	, ·	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)
Arsenic(chron	, ·	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COLCWH24	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C		CL	CL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)			8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)			126	Copper	TVS	TVS
Phosphorus(chronic) = applies only to lakes and					Iron		WS
eservoirs larg	ger than 25 acres surface area.		norganic (mg/	'L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
25. Lake Aver	ry (a.k.a Big Beaver Reservoir).							
COLCWH25	Classifications	Physic	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	20.7 ^B	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
ablaranbulla	(ug/L)(abrania) = applies aply to lakes	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	pH		6.5 - 9.0		Copper	TVS	TVS
ınd reservoirs		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0+	Iron		WS
Phosphorus(chronic) = applies only to lakes and	chlorophyll a (ug/L)			8*			
Phosphorus(chronic) = applies only to lakes and ger than 25 acres surface area.	E. Coli (per 100 mL)			126	Iron		1000(T)
Phosphorus(TVS	1000(T) TVS
Phosphorus(E. Coli (per 100 mL)	norganic (mg/			Iron Lead Manganese		
Phosphorus(E. Coli (per 100 mL)	norganic (mg/			Iron Lead	TVS	TVS
Phosphorus(E. Coli (per 100 mL)	norganic (mg/	 (L)	126	Iron Lead Manganese	TVS TVS	TVS TVS
Phosphorus(E. Coli (per 100 mL)	inorganic (mg/	L) acute	126	Iron Lead Manganese Manganese	TVS TVS 	TVS TVS WS
Phosphorus(E. Coli (per 100 mL)	lnorganic (mg/	L) acute TVS	chronic TVS	Iron Lead Manganese Manganese Mercury	TVS TVS 	TVS TVS WS 0.01(t)
Phosphorus(E. Coli (per 100 mL) Ammonia Boron	inorganic (mg/	acute TVS	chronic TVS 0.75	Iron Lead Manganese Manganese Mercury Molybdenum	TVS TVS 	TVS TVS WS 0.01(t) 160(T)
Phosphorus(E. Coli (per 100 mL) Ammonia Boron Chloride	inorganic (mg/	acute TVS	126 chronic TVS 0.75 250	Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS
Phosphorus(E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	norganic (mg/	acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS
Phosphorus(E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	inorganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)
Phosphorus(E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)
Phosphorus(E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	inorganic (mg/	acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 0.01(t) 160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

26. All lakes and reservoirs tributary to the North and South Forks of the White River, from the Flat Tops Wilderness Area boundary to the confluence with the North and South Forks of the White River.

COLCWH26	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Iron		WS
reservoirs larg	ger than 25 acres surface area.	Inorganic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

27. All lakes and reservoirs tributary to the White River, from a point immediately above the confluence with Piceance Creek to the Colorado/Utah border, except for the specific listings in segments 11 and 13d.

COLCWH27	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		100(T)
*Phosphorus(d	chronic) = applies only to lakes and	Inorganic	(mg/L)		Chromium VI	TVS	TVS
reservoirs larg	er than 25 acres surface area.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COLCLC01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	1	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
	ladification (a)	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
	lodification(s):	E. Coli (per 100 mL)		126	Copper	TVS	TVS
rsenic(chron	te of 12/31/2021				Iron		WS
χριιαιίση σα	le 01 12/31/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus			Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002	1		
2a. Mainstem	of the Colorado River from im	I Imediately below the confluence with Rifle	e Creek to immedia	tely above th	I confluence of Rapid Cr	reek.	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
ualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
emporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
rsenic(chron	* *	Inorgan	ic (mg/L)		Copper	TVS	TVS
•	te of 12/31/2021		acute	chronic	Iron		WS
Spiration Ba	te of 12/01/2021	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		·			Cibror	T) /C	T) /C
		Sulfate		WS	Silver	TVS	TVS
		Sulfate Sulfide		0.002	Uranium		175

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

		point immediately above the confluence v					
	Classifications	Physical and	DM	MWAT		Metals (ug/L)	ohronio
Designation Reviewable	Agriculture	Tomporature %C			Aluminum	acute	chronic
teviewabie	Aq Life Warm 1 Recreation E	Temperature °C	WS-II	WS-II	Aluminum	240	0.02(T)
	Water Supply	D O (mg/l)	acute	chronic	Arsenic	340	0.02(T)
)ualifiers:	water Supply	D.O. (mg/L)		5.0	Beryllium		
-		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		100	Chromium III	50(T)	TVS
emporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
rsenic(chron	ic) = hybrid	Inorgan	ic (mg/L)		Copper	TVS	TVS
Expiration Dat	te of 12/31/2021		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		Sulfide 		0.002	Uranium Zinc	TVS	TVS
3. Mainstem o	of the Colorado River from imr	Sulfide mediately above the confluence of the Gu			Zinc		
	of the Colorado River from imp		nnison River to the	Colorado-Uta	Zinc ah state line.		
OLCLC03 Designation	Classifications Agriculture	mediately above the confluence of the Gu	nnison River to the		Zinc ah state line.	TVS	
OLCLC03 Designation	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gu	nnison River to the	Colorado-Uta	Zinc ah state line.	TVS Metals (ug/L)	TVS
Designation Reviewable	Classifications Agriculture	mediately above the confluence of the Gui Physical and	nnison River to the Biological DM	Colorado-Uta	Zinc h state line.	TVS Metals (ug/L) acute	TVS
COLCLC03 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and	nnison River to the Biological DM WS-II	Colorado-Uta MWAT WS-II	Zinc th state line. Aluminum	TVS Metals (ug/L) acute	chronic
3. Mainstem of COLCLC03 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C	nnison River to the Biological DM WS-II acute	MWAT WS-II chronic	Zinc sh state line. Aluminum Arsenic	Metals (ug/L) acute 340	chronic 7.6(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L)	nnison River to the Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH	DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc th state line. Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nnison River to the Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	TVS Metals (ug/L) acute 340 TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Zinc Ah state line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Zinc th state line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011	Zinc th state line. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS
COLCLC03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	mediately above the confluence of the Gui Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	nnison River to the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TV	TVS chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS

t = total tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum

4a. All tributaries, including wetlands, to the Colorado River from the confluence with the Roaring Fork River to a point immediately below the confluence with Parachute Creek except for the specific listings in Segments 4b, 4c, 4d, 4e, 5, 6, 7a, 7b, 8, 9a, 9c, 10, 11a - h, and 12a COLCLC04A Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Cold 2 CS-II Reviewable Temperature °C CS-II Aluminum Recreation N 0.02-10(T) A 340 acute chronic Arsenic Water Supply D.O. (mg/L) 6.0 Beryllium **Qualifiers:** D.O. (spawning) 7.0 Cadmium TVS TVS рΗ 6.5 - 9.0 Chromium III Other: 50(T) **TVS** chlorophyll a (mg/m²) Chromium VI TVS **TVS** E. Coli (per 100 mL) 630 TVS TVS Copper Iron WS Inorganic (mg/L) Iron 1000(T) Lead TVS TVS acute chronic TVS TVS Manganese TVS TVS Ammonia Manganese WS 0.75 Boron 0.01(t)Chloride 250 Mercury 160(T) Molybdenum Chlorine 0.019 0.011 ---0.005 Nickel TVS **TVS** Cyanide Selenium **TVS** TVS Nitrate 10 Nitrite 0.05 Silver TVS TVS Uranium Phosphorus 0.11 ---Zinc **TVS** TVS Sulfate WS Sulfide 0.002 4b. South Canyon Hot Springs. COLCLC04B Classifications Metals (ug/L) Physical and Biological Designation Ag Life Warm 2 DM **MWAT** chronic acute Reviewable Recreation E Aluminum Qualifiers: 340 100(T) acute chronic Arsenic D.O. (mg/L) 5.0 Beryllium Other: 6.5 - 9.0 Cadmium TVS **TVS** chlorophyll a (mg/m²) 150 Chromium III TVS TVS E. Coli (per 100 mL) 126 Chromium VI **TVS TVS** TVS Inorganic (mg/L) Copper **TVS** Iron 1000(T) acute chronic Lead TVS TVS TVS TVS Ammonia Manganese **TVS TVS** Boron Chloride Mercury 0.01(t)Molybdenum 0.019 Chlorine 0.011 Nickel TVS TVS 0.005 Cvanide Selenium **TVS TVS** Nitrate Silver TVS **TVS** Nitrite Uranium 0.17 Phosphorus Sulfate Zinc TVS TVS Sulfide 0.002

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

	-	South Canyon Hot Springs to the		c Colorado i			
COLCLC04C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Temporary A	Modification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chror	• •	Inorgan	ic (mg/L)		Copper	TVS	TVS
,	ate of 12/31/2021		acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
	a (mg/m^2) (chronic) = applies only above listed at 37.5(4).	Boron		0.75	Lead	TVS	TVS
l la la la la la la la la la la la la la		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		160(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium		
				0.002	Zinc	TVS	TVS
4d. The main	nstem of Dry Hollow Creek, including all	I tributaries and wetlands, from th	e source to the con	nfluence with			
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
ļ		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
		, ,		630			
		, ,	ic (mg/L)	630	Chromium VI	TVS	TVS
		Inorgan	ic (mg/L) acute	chronic	Chromium VI Copper	TVS TVS	TVS TVS WS
		, ,	ic (mg/L)		Chromium VI Copper Iron	TVS TVS 	TVS TVS
		Inorgan Ammonia Boron	acute	chronic TVS 0.75	Chromium VI Copper Iron Iron Lead	TVS TVS 	TVS TVS WS 1000(T) TVS
		Inorgan Ammonia Boron Chloride	acute TVS	chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese	TVS TVS TVS	TVS TVS WS 1000(T)
		Ammonia Boron Chloride Chlorine	acute TVS 0.019	chronic TVS 0.75	Chromium VI Copper Iron Iron Lead	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
		Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05 0.11	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
		Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

	of Dry Creek including all tributaries			ne Lasi Char	T	Martin () (1)	
	Classifications	Physical and				Metals (ug/L)	
	⊣ ~	T	DM	MWAT	A1	acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
Dualifiana.	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
Copper(ac/ch)) = current conditions	E. Coli (per 100 mL)		630	Chromium III		100(T)
Expiration Da	te of 6/30/2017	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
ron(chronic) =	= current conditions		acute	chronic	Copper	TVS	TVS
Expiration Da	te of 12/31/2017	Ammonia	TVS	TVS	Iron		1000(T)
Phosphorus(chronic) = applies only above the	Boron		0.75	Lead	TVS	TVS
acilities listed		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.11*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
4f. Mainstem	of Dry Creek including all tributaries a	and wetlands from a point immedia	ately above the Last	t Chance Dito	ch to the confluence with t	the Colorado River.	
COLCLC04F	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	chronic) = applies only above the	E. Coli (per 100 mL)		630	Chromium III		100(T)
acilities listed	i at 37.5(4).	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
			0.019	0.011	Molybdenum		160(T)
		Cyanide			Nickel	TVS	TVS
		Nitroto	100		LINICKEI	1 1 2	175
		Nitrate	100		Colonium	TVC	T) (C
		Nitrite		0.05	Selenium	TVS	TVS
		Nitrite Phosphorus		0.05 0.11*	Silver	TVS	TVS
		Nitrite		0.05			

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

5. All tributario	es to the colorado raver, includ	ing woulding willow die within the bean	dance of trinte inte	Ci italiona i	orest, except for the spec	and libiting in Deginen	15 9a anu 9c.
COLCLC05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Comporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron		E. Coli (per 100 mL)		205	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
zxpiration Dai	CC 01 1E/01/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
6 Mainstem (of Oasis Creek including all tribu	utaries and wetlands from the boundary			n the confluence with the	Colorado River	
COLCLC06	Classifications	Physical and		onar r orest t	The definition with the	Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply						
Qualifiers:	water Suppry	D.O. (mg/L)		6.0	Beryllium		
	water Supply	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Beryllium Cadmium		
	участ Зарргу	D.O. (mg/L) D.O. (spawning) pH				TVS(tr)	TVS
	участ эцірру	D.O. (spawning) pH		7.0	Cadmium Chromium III	TVS(tr) 50(T)	TVS
	тист эцергу	D.O. (spawning)	6.5 - 9.0	7.0	Cadmium Chromium III Chromium VI	TVS(tr) 50(T) TVS	TVS TVS TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²)	 6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium VI Copper	TVS(tr) 50(T)	TVS TVS TVS TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 150	Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	7.0 150 205	Cadmium Chromium III Chromium VI Copper Iron Iron	TVS(tr) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other:	тийст эцэргу	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L)	7.0 150 205 chronic	Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 sic (mg/L) acute TVS	7.0 150 205 chronic TVS	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	TVS(tr) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 sic (mg/L) acute TVS	7.0 150 205 chronic TVS 0.75	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	TVS(tr) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
-	участ эцэргу	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 nic (mg/L) acute TVS	7.0 150 205 chronic TVS 0.75 250	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
	тист эциру	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 sic (mg/L) acute TVS 0.019	7.0 150 205 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	7.0 150 205 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	7.0 150 205 chronic TVS 0.75 250 0.011	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	7.0 150 205 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	7.0 150 205 chronic TVS 0.75 250 0.011 0.05 0.11	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS TVS TVS TVS
	water supply	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	7.0 150 205 chronic TVS 0.75 250 0.011 0.05	Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

COLCLC07A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	·	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
oblorophyll o	(mg/m²)(obrania) = applies aply above	Inorgar	ic (mg/L)		Iron		1000(T)
he facilities li	(mg/m^2) (chronic) = applies only above sted at 37.5(4).		acute	chronic	Lead	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
aciiilles iisteu	at 37.3(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002]		
b. Mainstem of Divide Creek, including all tributari		and wetlands, from the bound	ary of the White Riv	er National F	orest to the confluence w	vith the Colorado River.	
	of Divide Creek, including all tributaries Classifications	s and wetlands, from the boundar Physical and	-	er National F	Forest to the confluence w	vith the Colorado River. Metals (ug/L)	
COLCLC07B	_		-	er National F	orest to the confluence w		chronic
COLCLC07B Designation	Classifications		Biological		orest to the confluence w	Metals (ug/L)	
COLCLC07B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	
COLCLC07B Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	chronic
COLCLC07B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COLCLC07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COLCLC07B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 50(T)	chronic 0.02(T) TVS TVS
COLCLCO7B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COLCLC07B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COLCLC07B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS
COLCLC07B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
COLCLCO7B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
COLCLCO7B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COLCLC07B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	chronic
COLCLC07B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	chronic
COLCLC07B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COLCLC07B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COLCLC07B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
COLCLC07B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS US 1000(T) TVS US 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

8. Mainstem of Northwater and Trapper Creeks, including all tributaries and wetlands, from their sources to the confluence with the East Middle Fork of Parachute Creek. East Middle Fork of Parachute Creek, including all tributaries and wetlands, from the source to the confluence with the Middle Fork of Parachute Creek.

COLCLC08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

9a. Middle Rifle Creek, including all tributaries and wetlands, from its source to the confluence with West Rifle Creek. East Rifle Creek, including all tributaries and wetlands, from the source to the boundary of the White River National Forest.

COLCLC09A	Classifications	Physical and Biolog	gical		N	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
		рН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorganic (mg	ı/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002]		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

9b. All lakes and reservoirs tributary to the Colorado River from the confluence of the Colorado and the Roaring Fork River to a point immediately below the confluence of the Colorado River and Parachute Creek, and all lakes and reservoirs within the White River National Forest or the Grand Mesa National Forest, except for the specific listing in segment 20

Metals (ug/L)

Physical and Biological

Designatio	on Agriculture		DM	MWAT		acute	chronic
Reviewable	e Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
l		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
	rll a (ug/L)(chronic) = applies only to lakes roirs larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Copper	TVS	TVS
*Phosphoru	rus(chronic) = applies only to lakes and				Iron		WS
reservoirs i	larger than 25 acres surface area.	Inorgani	c (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
9c. Battler	ment Creek, including all tributaries and we	tlands, from the source to the mo	ost downstream bo	undary of BLI	VI lands.		
COLCLC09	9C Classifications	Physical and	Biological			Metals (ug/L)	
Designatio	on Agriculture		DM	MWAT		acute	chronic
ow	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		l ' · `					
Other:	•	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
	•	pH	6.5 - 9.0	7.0	Cadmium Chromium III	TVS(tr) 50(T)	
	•						TVS
	:	рН	6.5 - 9.0		Chromium III	50(T)	TVS TVS
	:	pH chlorophyll a (mg/m²)	6.5 - 9.0	150	Chromium III Chromium VI	50(T) TVS	TVS TVS TVS
	•	pH chlorophyll a (mg/m²)	6.5 - 9.0	150	Chromium III Chromium VI Copper	50(T) TVS TVS	TVS TVS TVS TVS
	•	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0	150	Chromium III Chromium VI Copper Iron	50(T) TVS TVS	TVS TVS TVS TVS WS
	•	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 c (mg/L)	150 126	Chromium III Chromium VI Copper Iron	50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
	•	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 c (mg/L) acute	150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead	50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
	•	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0 c (mg/L) acute	150 126 chronic	Chromium III Chromium VI Copper Iron Iron Lead Manganese	50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
	•	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 c (mg/L) acute TVS	150 126 chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
	•	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 sc (mg/L) acute TVS	150 126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 c (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS TVS
		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

COLCLC09B Classifications

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

10. West Rifle Creek, including all tributaries and wetlands, from the source to Rifle Gap Reservoir. East Rifle Creek, including all tributaries and wetlands, from the White River National Forest boundary to Rifle Gap Reservoir. Rifle Creek, including all tributaries and wetlands, from Rifle Gap Reservoir to the confluence with the Colorado River.

COLCLC10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
)ualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
Expiration Dat	0. 12/01/2021	Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

11a. Mainstem of the West Fork of Parachute Creek, including all tributaries, from its source to West Fork Falls. Mainstem of East Fork of Parachute Creek, including all tributaries and wetlands, from a point immediately below the mouth of First Anvil Creek to the east boundary line of S27, T5S, R95W.

COLCLC11A	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg	/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

	Classifications	e with East Middle Fork of Parachute Cre Physical and				Metals (ug/L)	
	Agriculture	Filysical and	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute 	CHIONIC
Reviewable	Recreation N	remperature C		chronic	Aluminum		7.C(T)
Oualifiers:	recreation is	D.O. (mg/L)	acute	6.0	Arsenic Beryllium	340	7.6(T)
		D.O. (spawning)		7.0	Cadmium		
Other:		pH	6.5 - 9.0			TVS(tr)	TVS
		chlorophyll a (mg/m²)	0.5 - 9.0		Chromium III		
					Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
11c. Deleted.							
COLCLC11C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	-		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic	7		

11d. Mainste	Classifications	Physical and	Riological			Metals (un/l)	
Designation	+	Physical and	DM	MWAT		Metals (ug/L) acute	chronic
Reviewable	Agriculture Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute	
reviewable	Recreation N	remperature C	acute	chronic	Arsenic	340	7.6(T)
Qualifiers:	1.00.04.0	D.O. (mg/L)		6.0	Beryllium		7.0(1)
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III		100(T)
		E. Coli (per 100 mL)		630	Chromium VI	TVS	TVS
				000	Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		1000(T)
		inorgan	acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride			Molybdenum		160(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.019		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.03	Zinc	TVS	TVS
					12		
		I Sulfate					
		Sulfate Sulfide		0.002			
11e. That po	ortion of the mainstem of the Ea	Sulfide		0.002	Sections 27, 28, and 29.	T5S. R95W.	
	ortion of the mainstem of the Ea		 tributaries and wetl	0.002	Sections 27, 28, and 29,	T5S, R95W. Metals (ug/L)	
COLCLC11E	Classifications	Sulfide ast Fork of Parachute Creek, including all t	 tributaries and wetl	0.002	Sections 27, 28, and 29,		chronic
COLCLC11E Designation	Classifications	Sulfide ast Fork of Parachute Creek, including all t	 tributaries and wetl Biological	0.002 ands, within	Sections 27, 28, and 29,	Metals (ug/L)	chronic
COLCLC11E Designation	Classifications Agriculture	Sulfide ast Fork of Parachute Creek, including all I Physical and	 tributaries and wetl Biological DM	0.002 ands, within		Metals (ug/L) acute	chronic 0.02-10(T) A
COLCLC11E Designation	E Classifications Agriculture Aq Life Cold 2	Sulfide ast Fork of Parachute Creek, including all I Physical and	ributaries and wetl Biological DM CS-I	0.002 ands, within MWAT CS-I	Aluminum	Metals (ug/L) acute	
COLCLC11E Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all to Physical and Temperature °C	ributaries and wetl Biological DM CS-I acute	0.002 ands, within MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 	 0.02-10(T) ^A
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L)	ributaries and wetl Biological DM CS-I acute	0.002 ands, within MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 4.0(T)	0.02-10(T) ^A
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	ributaries and wetl Biological DM CS-I acute	0.002 ands, within MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 4.0(T) 5.0(T)	0.02-10(T) A
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all the second of Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0	0.002 ands, within MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T)	0.02-10(T) A
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all to Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0	0.002 ands, within MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T)	0.02-10(T) A 50(T)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0	0.002 ands, within MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T)	0.02-10(T) A 50(T) 200(T)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0	0.002 ands, within MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 4.0(T) 5.0(T)	0.02-10(T) A 50(T) 200(T) WS
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T)	 0.02-10(T) A 50(T) 200(T) WS
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all to Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T)	0.02-10(T) A 50(T) 200(T) WS WS
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T) 50(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T) 0.01(t)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T) 0.01(t) 160(T)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all to Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T) 0.01(t) 160(T) 100(T)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all in Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	tributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute 0.2	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T) 0.01(t) 160(T) 100(T) 20(T)
COLCLC11E Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all in Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	tributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute 0.2 10	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 Chronic 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T) 100(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T) 0.01(t) 160(T) 100(T) 20(T)
	Classifications Agriculture Aq Life Cold 2 Recreation N	Sulfide ast Fork of Parachute Creek, including all I Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	tributaries and wetl Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute 0.2 10	0.002 ands, within MWAT CS-I chronic 6.0 7.0 630 chronic 0.75 250 1.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 4.0(T) 5.0(T) 50(T) 50(T) 100(T)	0.02-10(T) A 50(T) 200(T) WS WS 200(T) 0.01(t) 160(T) 100(T) 20(T)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

COLCLC11F	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		630	Copper	TVS	TVS
					Iron		WS
		Inorgan	ic (mg/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

11g. All tributaries to East Fork Parachute Creek on the south side of the East Fork Parachute Creek from a point immediately below First Anvil Creek to the confluence with Parachute Creek; all tributaries to Parachute Creek on the east side of Parachute Creek from a point immediately below the East Fork of Parachute Creek to the confluence with the Colorado River; and all tributaries to the Colorado River on the north side of the Colorado River from a point immediately below Cottonwood Creek to the confluence with Parachute Creek except for specific listings in segment 7a and 9c.

COLCLC11G	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		100(T)
Other:		D.O. (spawning)		7.0	Cadmium		10(T)
		рН	6.5 - 9.0		Chromium III		100(T)
		chlorophyll a (mg/m²)			Chromium VI		100(T)
		E. Coli (per 100 mL)		630	Copper		200(T)
					Iron		
		Inorgan	ic (mg/L)		Lead		100(T)
			acute	chronic	Manganese		200(T)
		Ammonia			Mercury		
		Boron		0.75	Molybdenum		160(T)
		Chloride			Nickel		200(T)
		Chlorine			Selenium		20(T)
		Cyanide	0.2		Silver		
		Nitrate	100		Uranium		
		Nitrite		10	Zinc		2000(T)
		Phosphorus		0.11			
		Sulfate					
		Sulfide			1		

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

OLCLC11H	Classifications	Physical and Biological			Metals (ug/L)			
esignation	Agriculture		DM	MWAT		acute	chronic	
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum			
	Recreation P		acute	chronic	Arsenic	340	0.02	
	Water Supply	D.O. (mg/L)		6.0	Beryllium			
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
ther:		рН	6.5 - 9.0		Chromium III	50(T)	TVS	
emporary M	Iodification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS	
rsenic(chron	* *	E. Coli (per 100 mL)		205	Copper	TVS	TVS	
Expiration Date of 12/31/2021					Iron		WS	
		Inorgan	nic (mg/L)		Iron		1000(T)	
			acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS	
		Boron		0.75	Manganese		WS	
		Chloride		250	Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum		160(T)	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	10		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(tr)	
	Phosphorus		0.11	Uranium				
		Sulfate		WS	Zinc	TVS	TVS	
		Sulfate Sulfide		WS 0.002	Zinc	TVS	TVS	
.2a. All tribut	aries to East Fork Parachute			0.002		TVS	TVS	
	aries to East Fork Parachute Classifications	Sulfide	 ely below the mouth	0.002		TVS Metals (ug/L)	TVS	
OLCLC12A		Sulfide Creek from its source to a point immediate	 ely below the mouth	0.002			TVS	
OLCLC12A esignation	Classifications	Sulfide Creek from its source to a point immediate	 ely below the mouth Biological	0.002 of First Anv		Metals (ug/L)		
OLCLC12A esignation eviewable	Classifications Agriculture	Sulfide Creek from its source to a point immediate Physical and	ely below the mouth Biological DM	0.002 of First Anv	il Creek.	Metals (ug/L)		
OLCLC12A esignation eviewable	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and	ely below the mouth Biological DM CS-I	0.002 of First Anv	il Creek.	Metals (ug/L) acute	chronic	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C	ely below the mouth Biological DM CS-I acute	0.002 of First Anv MWAT CS-I chronic	il Creek. Aluminum Arsenic	Metals (ug/L) acute 340	chronic	
esignation eviewable pualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L)	ely below the mouth Biological DM CS-I acute	0.002 of First Anv MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)	
	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	ely below the mouth Biological DM CS-I acute	0.002 of First Anviolation MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 7.6(T) TVS	
esignation eviewable pualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	ely below the mouth Biological DM CS-I acute 6.5 - 9.0	0.002 of First Anv MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	chronic 7.6(T) TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	ely below the mouth Biological DM CS-I acute 6.5 - 9.0	0.002 of First Anv MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	chronic 7.6(T) TVS TVS 100(T)	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ely below the mouth Biological DM CS-I acute 6.5 - 9.0	0.002 of First Anv MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ely below the mouth Biological DM CS-I acute 6.5 - 9.0	0.002 of First Anv MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 acic (mg/L)	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T)	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 bic (mg/L) acute	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 bic (mg/L) acute TVS	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t)	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 aic (mg/L) acute TVS	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t)	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TV	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS	
OLCLC12A esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Sulfide Creek from its source to a point immediate Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ely below the mouth Biological DM CS-I acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	0.002 of First Anv MWAT CS-I chronic 6.0 7.0 630 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 160(T) TVS TVS TVS TVS	

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

12b. All tributaries and wetlands to the Colorado River from a point immediately below the confluence of Parachute Creek to a point immediately below the confluence with Roan Creek, except for the specific listings in segments 14a, 14b and 14c.

COLCLC12B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT	,	acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorganic (mg/L)			Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

13a. All tributaries to the Colorado River including wetlands, from a point immediately below the confluence of Roan Creek to the Colorado/Utah border except for the specific listings in Segments 13b through 19.

COLCLC13A	Classifications	Physical and Biolog	jical		M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		205	Chromium III		100(T)
		Inorganic (mg	/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine			Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		160(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		10	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COLCLC13B	Classifications	Physical and Biological			Metals (ug/L)			
esignation	Agriculture		DM	MWAT		acute	chronic	
IP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	100(T)	
ualifiers:		D.O. (mg/L)		5.0	Beryllium			
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS	
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS	
	(mg/m^2) (chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium III		100(T)	
	sted at 37.5(4). chronic) = applies only above the	Inorga	nic (mg/L)		Chromium VI	TVS	TVS	
cilities listed	at 37.5(4).		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron		1000(T)	
		Boron		0.75	Lead	TVS	TVS	
		Chloride			Manganese	TVS	TVS	
		Chlorine	0.019	0.011	Mercury		0.01(t)	
	Cyanide	0.005		Molybdenum		160(T)		
	Nitrate	100		Nickel	TVS	TVS		
		Nitrite		0.05	Selenium	TVS	TVS	
		Phosphorus		0.17*	Silver	TVS	TVS	
		Sulfate			Uranium			
		Sulfide		0.002	Zinc	TVS	TVS	
.3c. Walker V	Vildlife Area Ponds.	<u>!</u>		0.002				
	Vildlife Area Ponds. Classifications	Physical and	l Biological	0.002	:	Metals (ug/L)		
OLCLC13C		Physical and	l Biological	MWAT			chronic	
OLCLC13C esignation	Classifications	Physical and			Aluminum	Metals (ug/L)		
OLCLC13C esignation	Classifications Agriculture		DM	MWAT	Aluminum Arsenic	Metals (ug/L)		
OLCLC13C esignation eviewable	Classifications Agriculture Aq Life Warm 1		DM WL	MWAT WL	-	Metals (ug/L) acute	chronic	
esignation eviewable qualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C	DM WL	MWAT WL chronic	Arsenic	Metals (ug/L) acute	chronic	
olclc13c esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L)	DM WL acute	MWAT WL chronic 5.0	Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)	
olclc13C esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes	Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6(T) TVS TVS	
esignation reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 20*	Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS	
esignation eviewable dualifiers: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0 20* 126	Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T)	
esignation eviewable dualifiers: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 nic (mg/L) acute	MWAT WL chronic 5.0 20* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS	
olclc13C esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia	DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0 20* 126 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS	
olclc13C esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron	DM WL acute 6.5 - 9.0 nnic (mg/L) acute TVS	MWAT WL chronic 5.0 20* 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T)	
olclc13C esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 	MWAT WL chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS	
esignation eviewable dualifiers: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT WL chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS	
esignation eviewable dualifiers: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 0.01(t) 160(T)	
colclc13C designation deviewable dualifiers: Other: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS	
esignation eviewable dualifiers: chlorophyll a nd reservoirs Phosphorus(d	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 0.011 0.05	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS TVS	
COLCLC13C Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(a	Classifications Agriculture Aq Life Warm 1 Recreation E (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 160(T) TVS	

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COLCLC13D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
Copper(acute	e) = 0.96e^(0.9801 [ln(hard)]-1.4747)	E. Coli (per 100 mL)		205	Chromium III		100(T)
Copper(chronic) = 0.96e^(0.5897 [ln(hard)]-0.319	nic) = 0.96e^(0.5897 [ln(hard)]-0.3193)	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper		SSE*
		Ammonia	TVS	TVS	Copper	SSE*	
		Boron		5.0	Iron		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum		160(T)
		Nitrite		10	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		1			Zinc	TVS	TVS

13e. All tributaries to the Colorado River, from Lewis Wash to the West Salt Creek drainage, from an elevation of 5,200 feet to the Government Highline Canal, excluding the mainstems of Big Salt Wash, East Salt Creek and West Salt Creek.

COLCLC13E	Classifications	Physical and Biolog	jical		Meta	als (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation P		acute	chronic	Arsenic		100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		рН	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)		150	Chromium III		100(T)
		E. Coli (per 100 mL)		205	Chromium VI		100(T)
		Inorganic (mg	/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		200(T)
		Chloride			Mercury		
		Chlorine			Molybdenum		160(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COLCLC13F	Classifications	Physical and	Physical and Biological			Metals (ug/L)		
Designation	Agriculture	,	DM	MWAT		acute	chronic	
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum			
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A	
	Water Supply	D.O. (mg/L)		5.0	Beryllium			
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS	
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS	
	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS		
		Inorgan	ic (mg/L)		Copper	TVS	TVS	
			acute	chronic	Iron		WS	
		Ammonia	TVS	TVS	Iron		1000(T)	
		Boron		0.75	Lead	TVS	TVS	
		Chloride		250	Manganese	TVS	TVS	
		Chlorine	0.019	0.011	Manganese		WS	
		Cyanide	0.005		Mercury		0.01(t)	
		Nitrate	10		Molybdenum		160(T)	
		Nitrite		0.05	Nickel	TVS	TVS	
		Phosphorus		0.17	Selenium	TVS	TVS	
		Sulfate		WS	Silver	TVS	TVS	
		Sulfide		0.05	Uranium			
					Zinc	TVS	TVS	

14a. Mainstem of Roan Creek including all wetlands and tributaries, from its source to a point immediately above the confluence with Clear Creek, except for the specific listing in segment 14b. Clear Creek, including all tributaries and wetlands, from the source to a point immediately below the confluence with Tom Creek.

COLCLC14A	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		205	Copper	TVS	TVS
					Iron		WS
		Inorganic (m	g/L)		Iron		1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

COLCLC14B Classifications	Physical and	Physical and Biological			Metals (ug/L)			
Pesignation Agriculture		DM	MWAT		acute	chronic		
eviewable Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum				
Recreation P		acute	chronic	Arsenic	340	0.02(T)		
Water Supply	D.O. (mg/L)		6.0	Beryllium				
Qualifiers:	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS		
Other:	рН	6.5 - 9.0		Chromium III	50(T)	TVS		
emporary Modification(s):	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS		
rsenic(chronic) = hybrid	E. Coli (per 100 mL)		205	Copper	TVS	TVS		
Expiration Date of 12/31/2021				Iron		WS		
	Inorgan	ic (mg/L)		Iron		1000(T)		
		acute	chronic	Lead	TVS	TVS		
	Ammonia	TVS	TVS	Manganese	TVS	TVS		
	Boron		0.75	Manganese		WS		
	Chloride		250	Mercury		0.01(t)		
	Chlorine	0.019	0.011	Molybdenum		160(T)		
	Cyanide	0.005		Nickel	TVS	TVS		
	Nitrate	10		Selenium	TVS	TVS		
	Nitrite		0.05	Silver	TVS	TVS(tr)		
	Phosphorus		0.11	Uranium				
	Sulfate		WS	Zinc	TVS	TVS		
	Sulfide		0.002					
14c. Mainstem of Roan Creek including	all tributaries and wetlands, from a point imn	nediately below the	confluence v	with Kimball Creek to the	confluence with the Co	lorado River.		
COLCLC14C Classifications	Physical and	Biological			Metals (ug/L)			
Designation Agriculture		DM	MWAT		acute	chronic		
Reviewable Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum				
Recreation P		acute	chronic	Arsenic	340	0.02(T)		
Water Supply	D.O. (mg/L)		5.0	Beryllium				
Qualifiers:	рН	6.5 - 9.0		Cadmium	TVS	TVS		
Other:	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS		
emporary Modification(s):	E. Coli (per 100 mL)		205	Chromium VI	TVS	TVS		
rsenic(chronic) = hybrid	Inorgan	ic (mg/L)		Copper	TVS	TVS		
expiration Date of 12/31/2021		acute	chronic	Iron		WS		
•	Ammonia	TVS	TVS	Iron		1000(T)		
	Boron		0.75	Lead	TVS	TVS		
	Chloride		250	Manganese	TVS	TVS		
	Chlorine	0.019	0.011	Manganese		WS		
	Cyanide	0.005		Mercury		0.01(t)		
	Nitrate	10		Molybdenum		160(T)		
	Nitrite		0.05	Nickel	TVS	TVS		
	Phosphorus		0.17	Selenium	TVS	TVS		
				l a	=	T) (C		
	Sulfate		WS	Silver	TVS	TVS		
	Sulfate Sulfide		WS 0.002	Uranium				

All metals are dissolved unless otherwise noted. T = total recoverable t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

15a. Mainstem of Plateau Creek from its source to the inlet of Vega Reservoir. All tributaries and wetlands to Plateau Creek from its source to a point immediately above the confluence with Buzzard Creek. Kimball Creek, Grove Creek, Big Creek, Cottonwood Creek, Bull Creek, Spring Creek, Coon Creek, and Mesa Creek, including all wetlands and tributaries, from their sources to their confluences with Plateau Creek. The mainstem of Buzzard Creek, including all tributaries and wetlands, within the Grand Mesa National Forest.

COLCLC15A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Temporary M	Indification(s):	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Arsenic(chroni	• •	E. Coli (per 100 mL)		126	Copper	TVS	TVS
•	te of 12/31/2021				Iron		WS
•		Inorgan	ic (mg/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 37.5(4).		acute	chronic	Lead	TVS	TVS
*Phosphorus(d	chronic) = applies only above the	Ammonia	TVS	TVS	Manganese	TVS	TVS
facilities listed	at 37.5(4).	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			
15b. All tributa	aries and wetlands to Buzzard Creek fro	om the Grand Mesa National Fo	rest boundary to the	e confluence	with Plateau Creek.		
	aries and wetlands to Buzzard Creek fro	om the Grand Mesa National Fo Physical and		e confluence	with Plateau Creek.	Metals (ug/L)	
COLCLC15B				e confluence MWAT	with Plateau Creek.	Metals (ug/L)	chronic
COLCLC15B	Classifications		Biological		with Plateau Creek.		chronic
COLCLC15B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	
COLCLC15B Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	acute	
COLCLC15B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute 340	 0.02(T)
COLCLC15B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	 0.02(T)
COLCLC15B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Me	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III	acute 340 TVS(tr) 50(T)	 0.02(T) TVS TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 50(T) TVS	 0.02(T) TVS TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T)
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS
COLCLC15B Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS(tr) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 160(T) TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

15c. Mainsten	n of Plateau Creek from the outlet of V	ega Reservoir to a point i	mmediately be	low the conf	luence with E	Buzzard Creek.		
COLCLC15C	Classifications	Physic	al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture		,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		15.7*	11.2*	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
	adification(a):	chlorophyll a (mg/m²)			150*	Chromium VI	TVS	TVS
Temporary M Arsenic(chronic	• •	E. Coli (per 100 mL)			126	Copper	TVS	TVS
•	te of 12/31/2021					Iron		WS
Expiration Dat	le 01 12/31/2021		norganic (mg/	/L)		Iron		1000(T)
	(mg/m^2) (chronic) = applies only above sted at 37.5(4).			acute	chronic	Lead	TVS	TVS
	chronic) = applies only above the	Ammonia		TVS	TVS	Manganese	TVS	TVS
facilities listed *Temperature		Boron			0.75	Manganese		WS
DM=15.7 and	MWAT=11.2 from 10/1-10/31	Chloride			250	Mercury		0.01(t)
DM=14.1 from DM=27.3 and	n 11/1-3/31 MWAT=21.6 from 4/1-9/30	Chlorine		0.019	0.011	Molybdenum		160(T)
DIVI-27.0 and	WWW. (1 = 22.5 Holl) =/1 5/55	Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
						Silver	TVS	TVS(tr)
		Nitrite			0.05	Uranium		1 43(11)
		Phosphorus			0.11*	Zinc	TVS	TVS
		Sulfate Sulfide			WS 0.002	ZIIIC	173	173
	n of Buzzard Creek from the Grand Me Classifications		dary to its confl		Plateau Cree	k.	Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Aluminum		
	Recreation E	Temperature °C	4/1 - 10/31	25.1	18.9	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Temporary M	odification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chroni	• •	рН		6.5 - 9.0		Copper	TVS	TVS
•	te of 12/31/2021	chlorophyll a (mg/m²)			150	Iron		WS
Expiration Bat	0 11/01/2021	E. Coli (per 100 mL)			126	Iron		1000(T)
						Lead	TVS	TVS
		ı	norganic (mg/	/L)		Manganese	TVS	TVS
			<u> </u>	acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.11			-
		Sulfate			WS			
						I .		
		Sulfide			0.002			

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

<u> </u>	gs in segment 15.			• •		i	14.7.1.7. "	
COLCLC16	Classifications	Physic	al and Biolog				Metals (ug/L)	
Designation	Agriculture	 	0/4 44/00	DM	MWAT	AL	acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	3/1 - 11/30	31	WS-II	Aluminum		
	Recreation E	Temperature °C		WS-II	WS-II	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
emporary M	lodification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chron	iic) = hybrid	pH		6.5 - 9.0		Copper	TVS	TVS
Expiration Da	te of 12/31/2021	chlorophyll a (mg/m²)			150*	Iron		WS
chlorophyll a	(mg/m²)(chronic) = applies only above	E. Coli (per 100 mL)			126	Iron		1000(T)
he facilities li	sted at 37.5(4).					Lead	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the	l I	norganic (mg/	L)		Manganese	TVS	TVS
aciiiles iisteo	Tat 37.3(4).			acute	chronic	Manganese		WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum		160(T)
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.11*			
		Sulfate			WS			
		Sulfide			0.002			
17a. Mainster	m of Rapid Creek, including all tributarie		source to a po	int immediat		confluence with Cotton	wood Creek including k	ruzen Springs
	Classifications		al and Biolog				Metals (ug/L)	
esignation	Agriculture			DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C		CS-II	CS-II	Aluminum		
	Recreation P			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
	lodification(s):	E. Coli (per 100 mL)			205	Copper	TVS	TVS
Arsenic(chron						Iron		WS
expiration Da	te of 12/31/2021		norgania (mal	1.\		Iron		1000(T)
			norganic (mg/	acute	chronic	Lead	TVS	TVS
		Ammonio				Manganese	TVS	TVS
		Ammonia		TVS	TVS			
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
						Table 1		
		Phosphorus			0.11	Uranium		
		Phosphorus Sulfate			0.11 WS	Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

17b. Kapiu Ci	<u>, </u>	nd wetlands, from a point immedia	,		mar oottom.	toda Oreck to the commun	noo mar the colorado i	River.
COLCLC17B	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-II	CS-II	Aluminum		
	Recreation P			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		рН		6.5 - 9.0		Chromium III	50(T)	TVS
		chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)			205	Copper	TVS	TVS
						Iron		WS
			norganic (mg/L	L)		Iron		1000(T)
				acute	chronic	Lead	TVS	TVS
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		160(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.11	Uranium		
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
L8. Mainstem	of Little Dolores River, includi	ing all tributaries and wetlands, fro	m its source to	immediately	y below the o	confluence with Hay Pres	s Creek.	
OLCLC18	Classifications	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
teviewable	Aq Life Cold 1	Temperature °C	10/31 - 4/30	13.9	CS-I	Aluminum		
	Recreation P	Temperature °C	5/1 - 9/30	24.4	CS-I	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
ualifiers:				acute	chronic	Cadmium	T) (O(1)	
ther:					0		TVS(tr)	TVS
		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS TVS
emporary M	lodification(s):	D.O. (mg/L) D.O. (spawning)				Chromium III Chromium VI		
	lodification(s): ic) = hybrid				6.0		50(T)	TVS
rsenic(chron	* *	D.O. (spawning)			6.0 7.0	Chromium VI	50(T) TVS	TVS TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH		6.5 - 9.0	6.0 7.0	Chromium VI Copper	50(T) TVS TVS	TVS TVS TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²)		6.5 - 9.0	6.0 7.0 150	Chromium VI Copper Iron	50(T) TVS TVS 	TVS TVS TVS WS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/l	6.5 - 9.0	6.0 7.0 150	Chromium VI Copper Iron Iron	50(T) TVS TVS	TVS TVS TVS WS 1000(T)
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/L	6.5 - 9.0	6.0 7.0 150	Chromium VI Copper Iron Iron Lead	50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/L	 6.5 - 9.0 	6.0 7.0 150 205	Chromium VI Copper Iron Iron Lead Manganese	50(T) TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/L	6.5 - 9.0 L) acute	6.0 7.0 150 205	Chromium VI Copper Iron Iron Lead Manganese Manganese	50(T) TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	norganic (mg/l	 6.5 - 9.0 L) acute TVS	6.0 7.0 150 205 chronic TVS	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury	50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron	norganic (mg/L	6.5 - 9.0 L) acute TVS	6.0 7.0 150 205 chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T)
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron Chloride	norganic (mg/l	6.5 - 9.0 L) acute TVS	6.0 7.0 150 205 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine	norganic (mg/l	6.5 - 9.0 L) acute TVS 0.019	6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/l	6.5 - 9.0 L) acute TVS 0.019 0.005	6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/l	6.5 - 9.0 L) acute TVS 0.019 0.005	6.0 7.0 150 205 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS
rsenic(chron	ic) = hybrid	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) I Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/l	6.5 - 9.0 L) acute TVS 0.019 0.005 10	6.0 7.0 150 205 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Manganese Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 160(T) TVS TVS TVS TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

COLCLC19	ecific listings in segments 9b, 13c, 20, a	·	cal and Biologi			Metals (ug/L)		
Designation	Agriculture	, , ,	<u> </u>	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C		WL	WL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)			5.0	Beryllium		
Other:		рН		6.5 - 9.0		Cadmium	TVS	TVS
Canon:		chlorophyll a (ug/L)			20*	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes	E. Coli (per 100 mL)			126	Chromium III		100(T)
	s larger than 25 acres surface area. (chronic) = applies only to lakes and	1	norganic (mg/l	L)		Chromium VI	TVS	TVS
eservoirs lar	ger than 25 acres surface area.			acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		1000(T)
		Boron			0.75	Lead	TVS	TVS
		Chloride				Manganese	TVS	TVS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum		160(T)
		Nitrate		100		Nickel	TVS	TVS
		Nitrite			0.05	Selenium	TVS	TVS
		Phosphorus			0.083*	Silver	TVS	TVS
		Sulfate				Uranium		
		Sulfide			0.002	Zinc	TVS	TVS
n Rifle Gan	Reservoir, Harvey Gap Reservoir, and							
COLCLC20	Classifications	T	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture	,		DM	MWAT	,	acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	4/1 - 12/31	CLL*	21.5* ^B	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	23* ^B	Arsenic	340	0.02(T)
	Water Supply	Temperature °C		CLL	CLL	Beryllium		
)ualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Chromium III	50(T)	TVS
Zuiei.		D.O. (spawning)			7.0	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes	рН		6.5 - 9.0		Copper	TVS	TVS
	s larger than 25 acres surface area. (chronic) = applies only to lakes and	chlorophyll a (ug/L)			8*	Iron		WS
eservoirs lar	ger than 25 acres surface area.	E. Coli (per 100 mL)			126	Iron		1000(T)
ı emperature MWAT=21.5	e(4/1 - 12/31) = Vega Reservoir)					Lead	TVS	TVS
MWAT=21.5) Temperature(4/1 - 12/31) = Rifle Gap Reservoir			norganic (mg/l	1		Manganese	TVS	TVS
Temperature				acute	chronic	Manganese		WS
Temperature						Wanganese		
Temperature		Ammonia				Mercury		
Temperature		Ammonia		TVS	TVS	Mercury		0.01(t)
Temperature		Boron		TVS	TVS 0.75	Molybdenum		160(T)
Temperature		Boron Chloride		TVS 	TVS 0.75 250	Molybdenum Nickel	TVS	160(T)
Temperature		Boron Chloride Chlorine		TVS 0.019	TVS 0.75 250 0.011	Molybdenum Nickel Selenium	TVS TVS	160(T) TVS TVS
Temperature		Boron Chloride Chlorine Cyanide		TVS 0.019 0.005	TVS 0.75 250 0.011	Molybdenum Nickel Selenium Silver	TVS TVS TVS	160(T) TVS TVS TVS(tr)
Temperature		Boron Chloride Chlorine Cyanide Nitrate		TVS 0.019 0.005 10	TVS 0.75 250 0.011 	Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS	160(T) TVS TVS TVS(tr)
Temperature		Boron Chloride Chlorine Cyanide Nitrate Nitrite		TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Molybdenum Nickel Selenium Silver	TVS TVS TVS	160(T) TVS TVS TVS(tr)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05 0.025*	Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS	160(T) TVS TVS TVS(tr)
Temperature		Boron Chloride Chlorine Cyanide Nitrate Nitrite		TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS	160(T) TVS TVS TVS(tr)

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 37.6 for details on TVS, TVS(tr), TVS(sc), WS, temperature standards.

21. All lakes and reservoirs tributary to Roan Creek from the source to a point just below the confluence with Clear Creek. All lakes and reservoirs tributary to Rapid Creek from the source to the confluence with the Colorado River. All lakes and reservoirs tributary to the Little Dolores River from the source to a point immediately below the confluence with Hay Press Creek. All lakes and reservoirs tributary to Plateau Creek and within the Grand Mesa National Forest.

COLCLC21	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS*	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		pH	6.5 - 9.0		Chromium III	50(T)	TVS
Other:		chlorophyll a (ug/L)		8*	Chromium VI	TVS	TVS
		E. Coli (per 100 mL)		126	Copper	TVS	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.				Iron		WS
*Classification	: Jerry Creek Reservoir Number 1 and	Inorganic (mg]/L)		Iron		1000(T)
DUWS	UWS, Palisade Cabin Reservoir =		acute	chronic	Lead	TVS	TVS
	chronic) = applies only to lakes and	Ammonia	TVS	TVS	Manganese	TVS	TVS
reservoirs larg	ger than 25 acres surface area.	Boron		0.75	Manganese		WS
		Chloride		250	Mercury		0.01(t)
		Chlorine	0.019	0.011	Molybdenum		160(T)
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	10		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.025*	Uranium		
		Sulfate		WS	Zinc	TVS	TVS
		Sulfide		0.002			

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

- A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.
- B) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.

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Office of the Attorney General

Tracking number: 2015-00763

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-37

REGULATION NO. 37 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 29, 2016 11:22:23

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-37

Rule title

5 CCR 1002-37 REGULATION NO. 37 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN 1 - eff 06/30/2016

Effective date

06/30/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-37

REGULATION NO. 37 CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN

. . . .

37.36 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017, to determine whether the temporary modification should be modified, eliminated or extended. Temporary modifications of standards on one segment was reviewed.

Lower Colorado segment 4e: Temporary modifications of the copper and iron standards. Tristate Generation and Transmission, Inc. provided evidence that it is making progress on the plan for eliminating the need for the temporary modification and on resolving the uncertainty regarding the underlying standards. The Commission made no change to the expiration date of 6/30/2017 for copper, and 12/31/2017 for iron as the time allotment was deemed adequate.

PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- 7. Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

CYNTHIA H. COFFMAN Attorney General

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Office of the Attorney General

Tracking number: 2015-00520

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-37

REGULATION NO. 37 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 29, 2016 11:21:26

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-38

Rule title

5 CCR 1002-38 REGULATION NO. 38 - CLASSIFICATIONS AND NUMERIC STANDARDS SOUTH PLATTE RIVER BASIN LARAMIE RIVER BASIN REPUBLICAN RIVER BASIN SMOKY HILL RIVER BASIN 1 - eff 03/01/2016

Effective date

03/01/2016

WATER QUALITY CONTROL COMMISSION

5 CCR 1002-38

REGULATION NO. 38 CLASSIFICATIONS AND NUMERIC STANDARDS FOR SOUTH PLATTE RIVER BASIN, LARAMIE RIVER BASIN REPUBLICAN RIVER BASIN, SMOKY HILL RIVER BASIN

38.1 **AUTHORITY**

These regulations are promulgated pursuant to section 25-8-101 et seq C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

38.2 PURPOSE

These regulations establish classification and numeric standards for the South Platte River, the Laramie River, the Republican River and the Smoky Hill River, including all tributaries and standing bodies of water as indicated in section 38.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. (See section 31.14). It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation 31.0 - BASIC STANDARDS AND METHODOLOGIES FOR SURFACE WATER.

38.3 INTRODUCTION

These regulations and Tables present the classifications and numeric standards assigned to stream segments listed in the attached Tables (See section 38.6). As additional stream segments are classified and numeric standards for this drainage system are adopted, they will be added to or replace the numeric standards in the Tables in section 38.6. Any additions or revisions of classifications or numeric standards can be accomplished only after public hearing by the Commission and proper consideration of evidence and testimony as specified by the statute and the "basic regulations".

38.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

38.5 BASIC STANDARDS

(1) <u>TEMPERATURE</u>

All waters of the South Platte, Laramie, Republican and Smoky Hill River Basins are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard.) Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) QUALIFIERS

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 and metal standards found at 31.16 Table III. The column in the tables headed "Water + Fish" are presumptively applied to all aquatic life class 1 streams which also have a water supply classification, and are applied to aquatic life class 2 streams which also have a water supply classification, on a case-by-case basis as shown in the Tables 38.6. The column in the tables at 31.11 headed "Fish Ingestion" is presumptively applied to all aquatic life class 1 streams which do not have a water supply classification, and are applied to aquatic life class 2 streams which do not have a water supply classification, on a case-by-case basis, as shown in the Tables in 38.6.

(3) <u>URANIUM</u>

- (a) All waters of the South Platte River Basin are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 µg/l or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 μg/l range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) <u>NUTRIENTS</u>

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll *a* will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the South Platte River Basin. Moreover, pursuant to 31.17(e), nutrient standards will only be adopted for waters upstream of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012. The following is a list of all permitted domestic wastewater treatment facilities discharging prior to May 31, 2012 or with preliminary effluent limits requested prior to May 31, 2012, and any non-domestic facilities subject to Regulation 85 effluent limits and discharging prior to May 31, 2012 in the South Platte River Basin:

Segment	Permittee	Facility name	Permit No.
COSPUS01a	Alma Town of	ALMA, TOWN OF	CO0035769
COSPUS01a	Fairplay Sanitation District	FAIRPLAY SANITATION DISTRICT WWTF	CO0040088
COSPUS01a	Boy Scouts of America Pikes Peak Council	CAMP ALEXANDER	COG58803 6
COSPUS02a	Florissant Water and San Dist	FLORISSANT WATER & SAN DIST	CO0041416
COSPUS02a	Teller County	TELLER COUNTY WW UTILITY BOARD	CO0044211
COSPUS03	Woodland Park City of	WOODLAND PARK, CITY OF	CO0043214
COSPUS03	YMCA Camp Shady Brook	CAMP SHADY BROOK	CO0045993
COSPUS03	Lost Valley Ranch Corporation	LOST VALLEY RANCH	COG58812 2
COSPUS04	Will-O-Wisp Metro District	WILL-O-WISP METRO DISTRICT	CO0041521
COSPUS04	Bailey WSD	BAILEY WSD WWTF	COG58805 6
COSPUS04	Platte Canyon School Dist 1	PLATTE CANYON SCHOOL DIST 1	COG58811 4
COSPUS05c	Mountain Water and Sanitation District	MOUNTAIN WATER & SAN DISTRICT	CO0022730
COSPUS06a	Roxborough Water and Sanitation District	ROXBOROUGH PARK WATER & SAN WWTF	CO0041645
COSPUS10a	Plum Creek Water Reclamation Authority	PLUM CREEK WW AUTHORITY WWTF	CO0038547
COSPUS10a	Perry Park Water and Sanitation District	SAGEPORT WWTF	CO0043044
COSPUS11b	Perry Park Water and Sanitation District	WAUCONDAH WWTP	CO0022551
COSPUS14	Littleton/Englewood Cities of	LITTLETON/ENGLEWOOD, CITIES OF	CO0032999
COSPUS15	Metro Waste Water Reclamation District	METRO WASTEWATER RECLAM DIST	CO0026638
COSPUS15	Brighton City of	BRIGHTON WWTF	CO0021547
COSPUS15	South Adams County WSD	WILLIAMS MONOCO WWTF	CO0026662
COSPUS15	Metro Waste Water Reclamation District	NORTHERN TREATMENT PLANT	CO0048959
COSPUS16c	Ascentia Real Estate Holding Company LLC	FOXRIDGE FARMS MH COMMUNITY	CO0028908
COSPUS16c	SouthWest Water Company	HI-LAND ACRES W&SD WWTF	COG58907 2
COSPUS16c	Mile High Racing and Enter dba Arapahoe Park	ARAPAHOE PARK RACETRACK	COG58907 3
COSPUS16c	Rangeview Metro District	COAL CREEK WW RECLAMATION FAC	COG58910 8
COSPUS16g	Centennial Water and San Dist	MARCY GULCH WWTF	CO0037966
COSPUS16i	Aurora City of - Aurora Water	SAND CREEK WATER REUSE FACILTY	CO0026611
COSPCH01	Stonegate Village Metropolitan District	STONEGATE VILLAGE WWTF	CO0040291
COSPCH01	Pinery Water and Wastewater District	PINERY WWTF	CO0041092
COSPCH01	Parker Water and Sanitation District	PARKER NORTH WRF	CO0046507

Segment	Permittee	Facility name	Permit No.
COSPCH04	Arapahoe County W and WW Authority	LONE TREE CREEK WWTP	CO0040681
COSPBE01a	Amen Real Estate LLC	SINGIN' RIVER RANCH WWTF	CO0035971
COSPBE01b	Morrison Town of	MORRISON TOWN OF	CO0041432
COSPBE01e	Kittredge Sanitation and Water District	KITTREDGE SAN & WATER DISTRICT	CO0023841
COSPBE01e	Bruce & Jayne Hungate DBA Bear Creek Cabins	BEAR CREEK CABINS	CO0030856
COSPBE01e	Evergreen Metropolitan District	EVERGREEN METROPOLITAN DIST WWTF	CO0031429
COSPBE04a	Genesee WSD	GENESEE WATER & SAN DISTRICT	CO0022951
COSPBE04a	Forest Hills Metro District	FOREST HILLS METROPOLITAN DIST	CO0037044
COSPBE05	West Jefferson County MD	W. JEFFERSON COUNTY METRO DIST	CO0020915
COSPBE05	Historic Brook Forest Inn LLC	BROOK FOREST INN	CO0030261
COSPBE06a	Tiny Town Foundation Inc	TINY TOWN	CO0036129
COSPBE06a	Aspen Park Metropolitan District	ASPEN PARK METROPOLITAN DISTRICT	CO000001
COSPBE06b	Jefferson County Public Schools R-1	CONIFER HIGH SCHOOL WW REC PLT	CO0047988
COSPCL01	Colorado Dept of Transportation	EISENHOWER/JOHNSON MEMORIAL TUNNELS	CO0026069
COSPCL01	Clear Creek Skiing Corp	LOVELAND SKI AREA WWTF	CO0040835
COSPCL02a	Georgetown Town of	GEORGETOWN WWTF	CO0027961
COSPCL02c	Central Clear Creek SD	CENTRAL CLEAR CREEK SD WWTF	COG58805 5
COSPCL05	Empire Town of	EMPIRE TOWN OF	COG58806 5
COSPCL09a	St Marys Glacier WSD	ST. MARYS GLACIER WSD	CO0023094
COSPCL10	Shwayder Camp Wastewater	SHWAYDER CAMP WWTF	CO0047473
COSPCL11	Idaho Springs City of	IDAHO SPRINGS WWTF	CO0041068
COSPCL12	Clear Creek WWTP	CLEAR CREEK WWTP	CO0046574
COSPCL13b	Black Hawk/Central City Sanitation District	BLACK HAWK/CENTRAL CITY SD WWTF	CO0046761
COSPCL14a	MillerCoors LLC	MILLERCOORS GOLDEN FACILITY	CO0001163
COSPBD01	Westminster City of	BIG DRY CREEK WWTF	CO0024171
COSPBD01	Broomfield City and County	BROOMFIELD WWTF	CO0026409
COSPBD01	Northglenn City of	NORTHGLENN WWTF	CO0036757
COSPBO02b	San Lazaro Park Properties LLP c/o	SAN LAZARO MHP WWTF	CO0020184
COSPBO02b	BaseCamp Ventures LLC	BOULDER MOUNTAIN LODGEWWTF	CO0040819
COSPBO02b	Mueller Red Lion Inn	RED LION INN WWTF	COG58811 8
COSPBO03	Nederland Town of	NEDERLAND TOWN OF WWTF	CO0020222
COSPBO04b	Eldorado Springs Wastewater	ELDORADO SPRINGS WWTF	CO0047651

Segment	Permittee	Facility name	Permit No.
COSPBO04b	San Souci MHP	SAN SOUCI MHP	COG58810 1
COSPBO07b	Louisville City of	LOUISVILLE WWTF	CO0023078
COSPBO07b	Lafayette City of	LAFAYETTE WWTF	CO0023124
COSPBO07b	Erie Town of	ERIE WWTF	CO0045926
COSPBO08	Superior Metropolitan District No 1	SUPERIOR METROPOLITAN DIST NO1	CO0043010
COSPBO09	Boulder City of	75TH ST WWTP	CO0024147
COSPBO10	Erie Town of	ERIE NORTH WATER RECLAMATION FACILITY	CO0048445
COSPBO10	B & B Mobile Home and RV Park	B & B MOBILE HOME & RV PARK	COG58810 7
COSPBO14	Lake Eldora WSD	LAKE ELDORA WSD WWTF	CO0020010
COSPSV02a	Peaceful Valley Ranch LLC	PEACEFUL VALLEY RANCH WWTF	CO0048828
COSPSV02a	Seventh-Day Adventist Assoc of Colorado	GLACIER VIEW RANCH	CO0030112
COSPSV02a	Aspen Lodge at Estes Park Corp	ASPEN LODGE AT ESTES PARK CORP	CO0042820
COSPSV02b	Lyons Town of	LYONS TOWN OF	CO0020877
COSPSV03	Longmont City of	LONGMONT WWTF	CO0026671
COSPSV03	St Vrain Sanitation District	ST VRAIN SANITATION DISTRICT	CO0041700
COSPSV06	Niwot Sanitation District	NIWOT SANITATION DISTRICT	CO0021695
COSPSV06	Mead Town of	LAKE THOMAS SUBDIVISION WWTF	CO0046868
COSPSV06	Mead Town of	MEAD, TOWN OF	CO0046876
COSPSV06	Fairways Metro Dist	FAIRWAYS WWTF	CO0048411
COSPMS01a	Fort Lupton City of	FORT LUPTON WWTF	CO0021440
COSPMS01b	Evans City of	EVANS CITY OF WWTF	CO0020508
COSPMS01b	Kersey Town of	KERSEY WWTF	CO0021954
COSPMS01b	Platteville Town of	PLATTEVILLE WWTF	CO0040355
COSPMS01b	Evans City of	HILL-N-PARK SANITATION DIST.	CO0047287
COSPMS01b	La Salle Town of	LA SALLE TOWN OF	COG58805 8
COSPMS01b	Gilcrest Town of	GILCREST WWTF	COG58812 1
COSPMS03a	Elizabeth Town of	GOLD CREEK	COG58903 7
COSPMS03a	Galeton Water and Sanitation District	GALETON WATER & SAN DISTRICT	CO0043320
COSPMS03a	Orica USA Inc	ORICA USA, INC.	CO0046221
COSPMS03a	Spring Valley Ranch	SPRING VALLEY RANCH WWTF	CO0046965
COSPMS03a	Front Range Airport WWTF	FRONT RANGE AIRPORT WWTF	CO0047741
COSPMS04	Lochbuie Town of	LOCHBUIE TOWN OF	CO0047198
COSPMS05a	Swift Beef Company	SWIFT BEEF - LONE TREE	CO0027707

Segment	Permittee	Facility name	Permit No.
COSPMS05c	Hudson WWTF	HUDSON MECHANICAL WWTF	COG58910 4
COSPMS06	Keenesburg Town of	KEENESBURG TOWN OF	CO0041254
COSPMS06	Bennett Town of	BENNETT TOWN OF	COG58906 9
COSPBT02	Estes Park Sanitation District	ESTES PARK SANITATION DISTRICT	CO0020290
COSPBT02	Upper Thompson Sanitation District	UTSD WWTF	CO0031844
COSPBT04c	Loveland City of	LOVELAND WWTP	CO0026701
COSPBT05	Milliken Town of	MILLIKEN SANITATION DISTRICT	CO0042528
COSPBT05	Johnstown Town of	LOW POINT WWTP	CO0047058
COSPBT07	Hidden View Estates HOA	HIDDEN VIEW ESTATES HOA WWTF	CO0048861
COSPBT09	Johnstown Town of	JOHNSTOWN CENTRAL WWTF	CO0021156
COSPBT09	Riverglen Homeowners Assoc	RIVERGLEN HOA WWTF	CO0029742
COSPBT09	Berthoud Town of	BERTHOUD, TOWN OF	CO0046663
COSPBT10	Berthoud Town of	SERENITY RIDGE WWTF	CO0047007
COSPBT10	Western Mini-Ranch/Vaquero Estates Sewer Assoc.	WESTERN MINI-RANCH/VAQUERO EST	COG58909 5
COSPBT10	Berthoud Estates Community Assoc	BERTHOUD ESTATES WWTF	COG58909 7
COSPCP08	Fox Acres Community Services Corp	FOX ACRES WWTF	COG58911 2
COSPCP08	Girl Scouts of Colorado	MAGIC SKY RANCH G.S. CAMP	CO0047317
COSPCP11	Fort Collins City of	MULBERRY WWTP	CO0026425
COSPCP11	Fort Collins City of	DRAKE WWTP	CO0047627
COSPCP12	Windsor, Town of	WINDSOR TOWN OF WWTF	CO0020320
COSPCP12	Greeley City of	GREELEY CITY OF	CO0040258
COSPCP12	Leprino Foods Company	LEPRINO GREELEY FACILITY WWTF	CO0048860
COSPCP13a	Anheuser Busch Inc	NUTRI-TURF, INC.	CO0039977
COSPCP13a	Eaton Town of	EATON, TOWN OF	CO0047414
COSPCP13a	Saddler Ridge Metro Dist Water Reclamation Facility	SADDLER RIDGE METRO DIST WATER RECLAMATION FACILITY	COG58910 7
COSPCP13b	Boxelder Sanitation District	BOXELDER SANITATION DISTRICT WWTF	CO0020478
COSPCP13b	Wellington Town of	WELLINGTON WWTF	CO0046451
COSPCP22	South Fort Collins Sanitation District	SOUTH FORT COLLINS SAN DIST	CO0020737
COSPLS01	Western Sugar Cooperative	FORT MORGAN FACILITY	CO0041351
COSPLS01	Cargill Meat Solutions	FORT MORGAN BEEF PLANT	CO0044270
COSPLS01	Julesburg Town of	JULESBURG TOWN OF	CO0021113
COSPLS01	Brush City of	BRUSH CITY OF	CO0021245
COSPLS01	Sterling City of	STERLING CITY OF	CO0026247

Segment	Permittee	Facility name	Permit No.
COSPLS01	Fort Morgan City of	FORT MORGAN CITY OF	CO0044849
COSPLS01	Snyder Sanitation District	SNYDER SANITATION DISTRICT	COG58801 6
COSPLS01	Morgan Heights WSD	MORGAN HEIGHTS WATER&SEWER INC	COG58804 0
COSPLS01	Ovid Town of	OVID TOWN OF	COG58810 6
COSPLS02a	Leprino Foods Company	FORT MORGAN CHEESE FACILITY	CO0043958
COSPLS02a	Deer Trail Town of	DEER TRAIL WWTF	COG58900 2
COSPLS02a	Hillrose Town of	HILLROSE WWTF	COG58903 0
COSPLS02a	Byers Water and Sanitation District	BYERS WATER AND SANITATION DISTRICT	COG58903 3
COSPLS02a	Eastern Adams County Metro District	EASTERN ADAMS CO METRO DIST WWTF	COG58903 5
COSPLS02b	Kiowa Town of	KIOWA WWTF	CO0033405
COSPLS02b	Elbert Water Sanitation District	ELBERT WATER & SANITATION DIST WWTF	COG58906 5
COSPRE03	Wray City of	WRAY CITY OF	CO0023833
COSPRE06	Flagler Town of	FLAGER WWTF	COG58903 6
COSPRE06	Arriba Town of	ARRIBA WWTF	COG58905 5
COSPRE06	Holyoke City of	HOLYOKE, CIY OF	COG58905 9
COSPRE06	Akron Town of	AKRON WWTF	COG58906 1
COSPRE06	Haxtun Town of	HAXTUN, TOWN OF	COG58906 2
COSPRE06	Stratton Town of	STRATTON WWTF	COG58910 0
COSPRE06	Burlington City of	BURLINGTON CITY OF WWTF	COG58911 4
COSPRE06	Seibert Town of	SEIBERT WWTF	COG58912 0
COSPRE07	Cheyenne Wells Sanitation District No 1	CHEYENNE WELLS SANITATION DIST	COG58903 9
Unclassified	Silco Oil Co	TOMAHAWK TRUCK STOP	COG58900 3

Prior to May 31, 2022:

- For segments located entirely above these facilities, nutrient standards apply to the entire segment.
- For segments with portions downstream of these facilities, *nutrient standards* only apply above these facilities. A footnote was added to the total phosphorus and chlorophyll a standards in these segments. The footnote references the table of qualified facilities at 38.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A footnote was added to the total phosphorus and chlorophyll *a* standards in lakes segments as nutrients standards apply only to lakes and reservoirs larger than 25 acres surface area.

38.6 TABLES

(1) Introduction

The numeric standards for various parameters in this regulation and in the tables in Appendix 38-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses.

Numeric standards are not assigned for all parameters listed in the Tables attached to 31.0. If additional numeric standards are found to be needed during future periodic reviews, they can be assigned by following the proper hearing procedures.

(2) <u>Abbreviations</u>:

(a) The following abbreviations are used in this regulation and in the tables in Appendix 38-1:

ac = acute (1-day)

°C = degrees celsius

ch = chronic (30-day)

CL = cold lake temperature tier
CLL = cold large lake temperature tier
CS-I = cold stream temperature tier one
CS-II = cold stream temperature tier two

D.O. = Dissolved oxygen
DM = daily maximum
DLIMS = direct use water of

DUWS = direct use water supply

E. coli = Eschericia coli mg/l = milligrams per liter

MWAT = maximum weekly average temperature

OW = outstanding waters

sp = Spawning

SSE = site-specific equation T = total recoverable

t = total tr = trout

TVS = table value standard μg/l = micrograms per liter UP = use-protected

WAT = weekly average temperature
WL = warm lake temperature tier

WS = water supply

WS-I = warm stream temperature tier one WS-II = warm stream temperature tier two WS-III = warm stream temperature tier three

(b) In addition, the following abbreviations are used:

Fe(ch) = WS Mn(ch) = WS $SO_4 = WS$

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.11(6);

(i) existing quality as of January 1, 2000; or

(ii) Iron = $300 \mu g/l$ (dissolved) Manganese = $50 \mu g/l$ (dissolved)

 $SO_4 = 250 \text{ mg/l}$

For all surface waters with a "water supply" classification that are not in actual use as a water supply, no water supply standards are applied for iron, manganese or sulfate, unless the Commission determines as the result of a site-specific rulemaking hearing that such standards are appropriate.

- (c) Temporary Modification for Water + Fish Chronic Arsenic Standard
 - (i) The temporary modification for chronic arsenic standards applied to segments with an arsenic standard of 0.02 μg/l that has been set to protect the Water+Fish qualifier is listed in the temporary modification and qualifiers column as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2021.
 - (iii) For new or increased discharges commencing on or after 6/1/2013, the temporary modification is: As(ch)=0.02-3.0 μg/l (Trec), expiring on 12/31/2021.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) <u>Table Value Standards</u>

In certain instances in the tables in Appendix 38-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS (Concentrations in µg/l unless noted)

PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS (2)(3)
Aluminum (T)	Acute = $e^{(1.3695[ln(hardness)]+1.8308)}$
	pH equal to or greater than 7.0
	Chronic=e ^{(1.3695[ln(hardness)]-0.1158)}
	pH less than 7.0
	Chronic= e ^{(1.3695[ln(hardness)]-0.1158)} or 87, whichever is more stringent

Ammonia (4)	Cold Water = (mg/l as N)Total
	0.275 39.0
	$acute = \frac{0.275}{1+10^{7.204-pH}} + \frac{39.0}{1+10^{pH-7.204}}$
	$chronic = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * MIN (2.85, 1.45 * 10^{0.028(25-T)})$
	Warm Water = (mg/l as N)Total
	$acute = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$
	$chronic \ (Apr 1 - Aug 31) = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * MIN \left(2.85, 1.45 * 10^{0.028(25-T)}\right)$
	$chronic (Sep 1 - Mar 31) = \begin{bmatrix} \frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}} \end{bmatrix} * 1.45 * 10^{0.028*(25-MAX(T, 7))}$
Cadmium	Acute = $(1.136672-[ln(hardness) \times (0.041838)])*e^{(0.9151[ln(hardness)]-3.1485)}$
	Acute(Trout) = $(1.136672-[ln(hardness) \times (0.041838)])*e^{(0.9151[ln(hardness)]-3.6236)}$
	Chronic = $(1.101672-[ln(hardness) \times (0.041838)])*e^{(0.7998[ln(hardness)]-4.4451)}$
Chromium III ⁽⁵⁾	Acute = $e^{(0.819[ln(hardness)]+2.5736)}$
	Chronic = $e^{(0.819[ln(hardness)]+0.5340)}$
Chromium VI ⁽⁵⁾	Acute = 16
Chiomidin Vi	
	Chronic = 11
Copper	Acute = $e^{(0.9422[ln(hardness)]-1.7408)}$
	Chronic = $e^{(0.8545[ln(hardness)]-1.7428)}$
Lead	Acute = $(1.46203-[ln(hardness)*(0.145712)])*e^{(1.273[ln(hardness)]-1.46)}$
	Chronic = (1.46203-[(In hardness)* (0.145712)])*e ^{(1.273[In(hardness)]-4.705)}
Manganese	Acute= e ^{(0.3331[in(hardness)]+6.4676)}
Manganese	
	Chronic= e ^{(0.3331[ln(hardness)]+5.8743)}
Nickel	Acute = $e^{(0.846[ln(hardness)]+2.253)}$
	Chronic = $e^{(0.846[ln(hardness)]+0.0554)}$
Selenium ⁽⁶⁾	Acute = 18.4
	Chronic = 4.6
Silver	Acute = $\frac{1}{2}$ e ^{(1.72[ln(hardness)]-6.52)}
	ı

	Chronic = e ^{(1.72}									
Temperature	Chronic(Trout) TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	TEMPERATURE STANDARD (°C)					
					(MWAT)	(DM)				
	Cold Stream Tier I	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7				
				Oct May	9.0	13.0				
	Cold Stream Tier II	CS-II	all other cold-water species	April – Oct.	18.3	23.9				
				Nov March	9.0	13.0				
	Cold Lake	CL	brook trout, brown trout, cutthroat trout, lake trout, rainbow trout, Arctic grayling,	April – Dec.	17.0	21.2				
Tamananahuna	Cold Lorge	CLL	sockeye salmon brown trout, lake trout,	Jan March	9.0	13.0				
Temperature	Cold Large Lake (>100	CLL	rainbow trout	April – Dec.	18.3	23.8				
	acres surface area)			Jan March	9.0	13.0				
	Warm Stream	darter erangethreat darter		March – Nov.	24.2	29.0				
	Tier I				12.1	14.5				
	Warm Stream Tier II	WS-II	brook stickleback, central stoneroller, creek chub, longnose dace, Northern	Dec. – Feb. March – Nov.	27.5	28.6				
			redbelly dace, finescale dace,razorback sucker, white sucker	Dec. – Feb.	13.8	14.3				
	Warm Stream	WS-III	all other warm-water species	March – Nov.	28.7	31.8				
	Tier III				14.3	15.9				
			Yellow perch, walleye,	Dec. – Feb.	14.3	15.9				
	warm Lakes wL bas		pumpkinseed, smallmouth bass, striped bass, white	April – Dec.	26.3	29.5				
			bass, largemouth bass, bluegill, spottail shiner, Northern pike, tiger muskellunge, black crappie, common carp, gizzard shad, sauger, white crappie, wiper	Jan March	13.2	14.8				
Uranium	Acute = e ^{(1.1021[}	In(hardness)]+								
	Chronic = $e^{(1.10)}$	Chronic = $e^{(1.1021[ln(hardness)]+2.2382)}$								
Zinc	Acute = 0.978*									
	Chronic = 0.98	6*e (0.9094	l[In(hardness)]+0.6235)							

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/l as calcium carbonate and shall be no greater than 400 mg/L except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data

exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.

- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.
- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the Commission on a site-specific basis where appropriate evidence is submitted.
- (5) Unless the stability of the chromium valence state in receiving waters can be clearly demonstrated, the standard for chromium should be in terms of chromium VI. In no case can the sum of the instream levels of Hexavalent and Trivalent Chromium exceed the water supply standard of 50 μg/l total chromium in those waters classified for domestic water use.
- (6) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (7) E.coli criteria and resulting standards for individual water segments, are established as indicators of the potential presence of pathogenic organisms. Standards for E. coli are expressed as a two-month geometric mean. Site-specific or seasonal standards are also two-month geometric means unless otherwise specified.
- (8) All phosphorus standards are based upon the concentration of total phosphorus.
- (9) The pH standards of 6.5 (or 5.0) and 9.0 are an instantaneous minimum and maximum, respectively to be applied as effluent limits. In determining instream attainment of water quality standards for pH, appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

(4) Assessment Criteria

The following criteria shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

- (a) Upper South Platte Segment 6b, Chatfield Reservoir: Assessment Thresholds chlorophyll = 11.2 μg/l, summer average, 1 in 5 year allowable exceedance frequency phosphorus(Tot) = 0.035 mg/l, summer average, 1 in 5 year allowable exceedance frequency.
- (b) Upper South Platte Segment 16h: Selenium Standards and Assessment Locations

Selenium Standards:

West Toll Gate Creek: Selenium(chronic)=50.6, Selenium(acute)=119.2

East Toll Gate Creek: Selenium(chronic)=14.3, Selenium(acute)=15.9

Toll Gate Creek: Selenium(chronic)=26.5, Selenium(acute)=29.5

Selenium Assessment Locations:

- Toll Gate Creek (TG6): Downstream of the confluence of East and West Toll Gate Creeks, at 6th Avenue near the gage station.
- East Toll Gate Creek (ET1): Upstream of the confluence with West Toll Gate Creek, at Chambers Road and 1st Avenue.
- West Toll Gate Creek (WT1): Upstream of the confluence with East Toll Gate Creek, at 2nd Avenue.
- (c) Upper South Platte Segment 15 and Middle South Platte Segment 1a: Dissolved Oxygen Assessment Locations

For the purpose of determining attainment of the standard, dissolved oxygen measurements shall only be taken in the flowing portion of the stream and at mid depth, and at least six inches above the bottom of the channel. Dissolved oxygen measurements in man-made pools are not to be used for determination of attainment of the standards.

- (d) Big Dry Creek Segment 1: Selenium Assessment Locations
 - bdc 1.5: Upstream of Broomfield Wastewater Treatment Plant
 - bdc 2.0: Upstream of Westminster Big Dry Creek Wastewater Treatment Facility
 - bdc 4.5: Upstream of Northglenn Wastewater Treatment Plant
- (e) Big Dry Creek Segment 2 (Standley Lake): Assessment Thresholds

Chlorophyll = $4.4 \mu g/L$, Mar-Nov average, 1 in 5 yr allowable exceedance frequency

(f) Upper South Platte Segment 16i, Sand Creek from Toll Gate Creek to the confluence with the South Platte River: assessment locations for selenium and total mercury.

Selenium Standards:

Upper: Selenium(chronic)=38.2, Selenium(acute)=45.1

Lower: Selenium(chronic)=9.0, Selenium(acute)=TVS

Selenium Assessment Locations:

- Upper (SWA): Downstream of the confluence of Sand Creek and Toll Gate Creek approximately 250 meters upstream of the Sand Creek Water Reuse Facility (SCWRF) discharge near the Peoria Street Bridge.
- Lower (SW1): Above Suncor, approximately 60 meters upstream of the Union Pacific Railroad crossing and upstream of Brighton Boulevard.

Mercury Assessment Locations and Method:

• Sand Creek (SWP) – Downstream of the sheet piling drop structure located near the Brighton Blvd. Bridge.

- Sand Creek (SWP2-1) Approximately 600 feet downstream of Suncor Outfall 003 and immediately upstream of the Burlington Ditch Siphon.
- Attainment of the standard below Brighton Blvd. shall be assessed using the weighted 85th percentile total mercury concentration from both assessment locations.
- (g) Upper South Platte Segment 16g (Marcy Gulch): Selenium assessment.

Determination of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively, of paired samples taken the same day from from the two following locations:

- L29: Marcy Gulch upstream of Santa Fe Drive, immediately upstream of the Centennial Water & Sanitation District WWTF
- L36: Marcy Gulch upstream of the confluence with the South Platte River.
- (h) Upper South Platte Segment 16j: Selenium standards and assessment.

Lee Gulch: Selenium(chronic)=10, Selenium(acute)=TVS

Little's Creek: Selenium(chronic)=6, Selenium(acute)= TVS

Big Dry Creek: Selenium(chronic)=23, Selenium(acute)=26

Little Dry Creek: Selenium(chronic)=11, Selenium(acute)=TVS

Determination of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively. The selenium assessment locations are:

- Lee Gulch: Upstream of the confluence with the South Platte River
- Little's Creek: Upstream of the confluence with the South Platte River
- Big Dry Creek: Upstream of the confluence with the South Platte River
- Little Dry Creek: Upstream of the confluence with the South Platte River
- (i) Cherry Creek Segment 4b: Selenium standards and assessment

Upper Cottonwood Creek:

October-February Selenium(acute/chronic)=TVS/14.0

March-September Selenium(acute/chronic)=TVS/7.1

Lower Cottonwood Creek:

October-February Selenium(acute/chronic)=TVS/5.1

March-September Selenium(acute/chronic)=TVS

Break between Upper and Lower Cottonwood Creek is at the confluence with Lone Tree Creek.

Upper Lone Tree Creek:

October–February Selenium(acute/chronic)=41.0/37.2

March-September Selenium(acute/chronic)=19.3/19.0

Lower Lone Tree Creek: Selenium(acute/chronic)=TVS

Break between Upper and Lower Lone Tree Creek is at the ACCWA Lone Tree Facility Outfall.

Upper Windmill Creek: Selenium(acute/chronic)=TVS

Middle Windmill Creek:

October-February Selenium(acute/chronic)=TVS/15.1

March-September Selenium(acute/chronic)=TVS/8.4

Lower Windmill Creek: Selenium(acute/chronic)=TVS

Break between Upper, Middle and Lower Windmill Creek is at the assessment locations.

Determination of attainment of the chronic and acute selenium standards will be based on the 85th and 95th percentile, respectively.

- Upper Cottonwood Creek: From headwaters to confluence with Lone Tree Creek, to be assessed at CT-P2 39.605694, -104.84825. At Peoria St.
- Lower Cottonwood Creek: From confluence with Lone Tree Creek to terminus at Cherry Creek Reservoir, to be assessed at CT2-39.627861, -104.85025. West of Perimeter Road and south of bike path.

- Upper Lone Tree Creek: From headwaters to just above site LTC-3, to be assessed using data from LTC-1 and LTC-2
 LTC-1 39.58435, -104.838017. Approximately 0.15 miles N of S. Revere Pkwy.
 LTC-2 39.59685, -104.838217. Approximately 10 yards N of E. Peakview Ave.
- Lower Lone Tree Creek: From site LTC-3 to confluence with Cottonwood Creek, to be assessed using data from LTC-3 and LTC-4
 LTC-3 39.604817, 104.837083. Below ACWWA Lone Tree facility outfall. LTC-4 39.614483, 104.840217. Downstream of confluence with Windmill Creek
- Upper Windmill Creek: From Headwaters to WC-1 Site WC-1-39.574967,
 -104.830017. West of Potomac St and South of Broncos Pkwy.
- Middle Windmill Creek: All sites between (but not including) WC-1 and WC-2. WC-1—39.574967, -104.830017. West of Potomac St and South of Broncos Pkwy.
 WC-2—39.59655, -104.821767. North of Cherry Creek Trail.
- Lower Windmill Creek: From site WC-2 to confluence with Lone Tree Creek, to be assessed at WC-2-39.59655, -104.821767. North of Cherry Creek Trail.
- (j) Clear Creek Segment 5: Manganese assessment
 - Below Woods Creek: West Fork of Clear Creek approximately 0.3 miles downstream of Berthoud Falls (39.771829°, -105.803418°).
 - Mouth of West Fork: West Fork of Clear Creek near County Road 257.
- (5) <u>Stream Classifications and Water Quality Standards Tables</u>

The stream classifications and water quality standards tables in Appendix 38-1 are incorporated herein by reference.

38.7 <u>COMMISSION'S DETERMINATION REGARDING STATE WATERS</u>

(1) Introduction

The following list describes the Commission's determinations regarding water bodies that do not contain "State Waters."

- (2) Determinations
 - (a) Marston Forebay located in Upper South Platte Segment 23 within Sections 11, 12, 13 and 14 in Township 5 South, Range 69 West of the 6th P.M. in the City and County of Denver, Colorado.

38.8-38.9 **RESERVED**

. . . .

38.91 STATEMENT OF BASIS AND PURPOSE REGARDING THE ADOPTION OF NON-SUBSTANTIVE CHANGES TO THE CLASSIFICATION AND NUMEIRC STANDARDS FOR

SOUTH PLATTE RIVER BASIN, LARAMIE RIVER BASIN, REPUBLICAN RIVER BASIN, SMOKY HILL RIVER BASIN, JANUARY 11, 2016 RULEMAKING; EFFECTIVE DATE MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(i) and 25-8-401(2) provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

The Commission, in a public rulemaking hearing adopted extensive changes to the format of this regulation. The Commission does not intend to change any existing designations, use classifications or standards, or the implementation of any standards as the results of changing the format.

This rulemaking was in response to longstanding issues with managing the information contained in the standards tables. The changes made in this hearing reflect a change from storing the information in word processing documents to storing the information in a relational database. This change in platform will provide better consistency, facilitate error checking as well as a more readable format for the standards tables. Storing the information in a database allows it to be used more efficiently by other programs in the Division.

While it was the Commission's intent not to change the substantive meaning of the regulations in this rulemaking, in cases where there was ambiguity the revised regulation reflects the Commission's interpretation of the previous format based on Regulation #31 (the Basic Standards and Methodologies for Surface Water) and the experience of the Commission and its staff.

Overall format changes: The new format displays parameters by name, rather than by period table element abbreviations. The section formerly titled "Temporary Modifications and Qualifiers" does not appear in the new format. Instead, there is a separate section for qualifiers, and an "Other" section. Temporary modifications, variances and other footnotes are displayed in the "Other" section. Many items that were formerly in the "Temporary Modifications and Qualifiers" column will be displayed in the "Other" column and will have a different appearance or modified wording, although the information is substantively the same. Each footnote in the "Other" section is preceded by a heading that indicates where the footnote applies:

- Footnotes regarding a use classification will begin with the heading "Classification..."
- Footnotes regarding the antidegradation designation begin with the heading "Designation..."
- Footnotes that relate to a particular standard begin with the name of the parameter, for example "Selenium(chronic)= ..."

Also, since there is more room for information within each segment, footnotes "B" and "C" were replaced with the full text in each segment where these footnotes were applied. Footnote "A" was maintained because the text is too long to be displayed in the "Other" section for each segment where it applies. Footnote "D" was changed to footnote "B" and was maintained because the text is too long to be displayed in the "Other" section.

Constraints of the new format: Some adjustments were made to the way that data is displayed in order to be compatible with the functions of the Standards Database. Database organization requires that information which relates to multiple standards must be attached to each individual parameter. For example, a segment with a temporary modification listed for "all parameters" in the old format will have a temporary modification listed for each individual parameter in the new format. There are also spacing constraints in the new format, which require some information to be moved either to the "other" box on the new format, or moved out of the segment entirely and into another location in the regulation.

<u>Clarification of changes</u>: The shift to a database organizational structure required consistency in the way each data element is addressed. To insure that data is stored and displayed correctly, the following changes were made.

- The "type" of temporary modification is no longer displayed in the segment tables, since they
 have no regulatory effect and have been inconsistently displayed.
- In the old format, waters that had a reviewable antidegradation designation were identified by the absence of either "UP" or "OW" in the designation column. These segments now display the word "reviewable" under the designation heading. There needed to be a value in the designation column for every segment.
- Dissolved standards are not specifically noted as dissolved in the new format. All metals standards are dissolved unless noted with a "T" or a "t". For example, a manganese standard in the old format of "WS(dis") is displayed as "WS" in the new format.
- A new footnote 7 was added to clarify that although E. coli is listed in the "chronic" column, the standard is a two-month geometric mean rather than a 30-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 7.
- A new footnote 8 was added to indicate that all phosphorus standards are based upon the
 concentration of total phosphorus. In the old format, individual phosphorus standards were noted
 as "total" in some basins and not others.
- A new footnote 9 was added to clarify that although pH is listed in the "acute" column, the standard is not applied as a 1-day average. The language of footnote 7 was taken from Regulation 31, Table 1, footnote 3.
- Physical and Biological Parameters: Some parameters are not specifically identified in the old format segment tables as acute or chronic. The new format requires that each parameter is placed in either the acute or chronic column. Specifically, these parameters and the basis for being identified as acute or chronic are as follows:
 - pH (acute) Regulation #31, Table 1, footnote 3
 - E. Coli (chronic) Regulation #31, Table 1, footnote 7
 - D.O. (chronic) Regulation #31, Table 1, footnote 1
 - cyanide (acute) Regulation #31, Table 2
 - sulfide (chronic) Regulation #31, Table 2
 - nitrate (acute) Regulation #31, Table 2
 - nitrite (chronic) not specified in Regulation #31. Nitrite has been implemented as a 30-day average standard in permits and assessments.
 - chloride (chronic) Regulation #31, Table 2
 - boron (chronic) Regulation #31, Table 2
 - sulfate (chronic) Regulation #31, Table 2

- In the old format, uranium standards for Big Dry Creek were shown in the attached table, but not listed with each segment. The new format includes the uranium standards for Big Dry Creek Segments 2-7. These were added because the new format displays every parameter. If uranium standards are not listed in the segment table, then it appears to communicate that there is not a uranium standard. There is still a footnote to refer to the table for the other site-specific radionuclide standards.
- Some site-specific standards had too much information to be contained in the new table, so it was moved to 38.6(4) (Upper South Platte Segments 16h, 16i, 16j and Cherry Creek Segment 4b).

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-38

REGULATION NO. 38
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SOUTH PLATTE RIVER BASIN, LARAMIE RIVER BASIN
REPUBLICAN RIVER BASIN, SMOKY HILL RIVER BASIN

APPENDIX 38-1
Stream Classifications and Water Quality Standards Tables

Effective 03/01/2016

COSPUS01A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I*	CS-I*	Aluminum		
	Recreation E	· · · · · · · · ·	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
	adification(a)	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Temporary Modification(s): Arsenic(chronic) = hybrid		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid Expiration Date of 12/31/2021		,			Copper	TVS	TVS
*chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 38.5(4).		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
	chronic) = applies only above the	Ammonia	TVS	TVS	Lead	TVS	TVS
	= summer criteria apply from 4/1-	Boron		0.75	Lead	50(T)	
0/31		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		Cumac		0.002	Uranium		
					Zinc	TVS	TVS
(L AP ()		wattanda within the Last Creek	184 = 18711				
ı d. All tributari	les to the South Platte River, including	Wellands Willing the Lost Creek a	and Ivit. Evans vviide	rness Areas			
	les to the South Platte River, including Classifications	Physical and		rness Areas		Metals (ug/L)	
COSPUS01B	-			MWAT		Metals (ug/L)	chronic
OSPUS01B Designation	Classifications		Biological		Aluminum		chronic
COSPUS01B	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	chronic 0.02(T)
COSPUS01B Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Aluminum	acute	
COSPUS01B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	acute 340	 0.02(T)
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	0.02(T)
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T)
COSPUS01B Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	0.02(T) TVS
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	
OSPUS01B Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	
OSPUS01B Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS SS 1000(T) TVS TVS WS 0.01(t)
esignation W Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS	
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 -	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	
COSPUS01B Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	

COSPUS02A	Classifications	1b, 2b and 2c. Physical and E	Biological				
Designation	Agriculture	, , , , , ,	DM	MWAT		Metals (ug/L) acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	·	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Cadmium	5.0(T)	
	- diff: - Ai (-).	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid Expiration Date of 12/31/2021				.20	Copper	TVS	TVS
Expiration Date of 12/31/2021		Inorgani	c (ma/L)		Iron		ws
*chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 38.5(4). *Phosphorus(chronic) = applies only above the		morgani	acute	chronic	Iron		1000(T)
		Ammonio			Lead	TVS	TVS
cilities listed	at 38.5(4).	Ammonia	TVS	TVS	Lead		
		Boron		0.75		50(T)	TVC
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate	-	WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	of Mosquito Creek from the confluence			e Middle Fo	rk of the So uth Platte Riv		
	Classifications	Physical and E				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
	Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Aluminum	acute 	chronic
	Aq Life Cold 1 Recreation E	Temperature °C			Aluminum Arsenic	acute 340	 0.02(T)
P	Aq Life Cold 1	D.O. (mg/L)	CS-I	CS-I			
Þ	Aq Life Cold 1 Recreation E		CS-I acute	CS-I chronic	Arsenic	 340	0.02(T)
ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	340 	0.02(T)
ualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	0.02(T)
ualifiers: ther:	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	 340 TVS(tr) 5.0(T)	0.02(T) TVS
ualifiers: ther: emporary Mersenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III	 340 TVS(tr) 5.0(T) 50(T)	0.02(T) TVS TVS
ualifiers: ther: emporary Mersenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS TVS
ualifiers: ther: emporary Morsenic(chroni	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 5.0(T) 50(T) TVS TVS	 0.02(T) TVS TVS TVS
ualifiers: ther: emporary Morsenic(chroni	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
ualifiers: ther: emporary Mersenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 c (mg/L) acute	CS-I chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
ualifiers: ther: emporary Mersenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers: ther: emporary Mersenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	CS-I chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers: iher: emporary Mesenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese		
ualifiers: iher: emporary Mesenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS STVS TVS USS 1000(T) TVS TVS WS 0.01(t)
ualifiers: iher: emporary Mesenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS S TVS US 1000(T) TVS TVS WS 0.01(t) 150(T)
ualifiers: iher: emporary Mesenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel		
ualifiers: iher: emporary Mesenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	
ualifiers: ther: emporary Messenic(chronic	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	
rsenic(chroni	Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	

2c. South Mose	quito Creek from the source to conflue	nce with Mosquito Creek and No N	ame Creek from	the source to	the confluence with So	uth Mosquito Creek.	
COSPUS02C	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chronic		E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS
-	e of 12/31/2021				Copper	TVS	TVS
Expiration Bate of 1276 1/2021		Inorganic (Iron		WS	
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc		280
	s to the South Platte River, including a		y below the confl	uence with T	arryall Creek to a point i	mmediately above the	confluence with
the North Fork	of the South Platte River, except for sp	pecific listings in Segment 1b.		uence with T	arryall Creek to a point i		confluence with
the North Fork	of the South Platte River, except for sp Classifications		ological		arryall Creek to a point i	Metals (ug/L)	
the North Fork COSPUS03 Designation	of the South Platte River, except for sp Classifications Agriculture	pecific listings in Segment 1b. Physical and Bio	ological DM	MWAT			chronic
the North Fork COSPUS03 Designation Reviewable	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1	pecific listings in Segment 1b.	Dlogical DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
the North Fork COSPUS03 Designation Reviewable	of the South Platte River, except for sp Classifications Agriculture	Physical and Bio Temperature °C	Dlogical DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	
the North Fork COSPUS03 Designation Reviewable	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L)	Diogical DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
the North Fork COSPUS03 Designation Reviewable Qualifiers:	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning)	Diogical DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other:	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH	Dlogical DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mo	of the South Platte River, except for specifications Agriculture Aq Life Cold 1 Recreation E Water Supply addification(s):	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Diogical DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl	of the South Platte River, except for specifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition*	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH	Dlogical DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/cl Expiration Date	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Diogical DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mo Ammonia(ac/cl Expiration Date Arsenic(chronic	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Dlogical DM CS-I acute 6.5 - 9.0 (mg/L)	MWAT CS-I chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Dlogical DM CS-I acute 6.5 - 9.0 (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150* 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Dlogical DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Physical and Bio Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron	Dlogical DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed a	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride	Dlogical DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). thronic) = applies only above the at 38.5(4).	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine	Diogical DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide	Diogical DM CS-I acute 6.5 - 9.0 TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	Physical and Bio Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate	Dlogical DM CS-I acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	Physical and Bio Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Dological DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Dological DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Diogical DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	Physical and Bio Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Dological DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 510(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
the North Fork COSPUS03 Designation Reviewable Qualifiers: Other: Temporary Mc Ammonia(ac/cl Expiration Date Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c) facilities listed c *TempMod: An	of the South Platte River, except for sp Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): h) = current condition* e of 12/31/2017 c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the at 38.5(4). hmonia = below the Florissant	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Diogical DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

T = total recoverable

COSPUS04 Designation Reviewable	Classifications	Physical and Biological			Metals (ug/L)			
Reviewable	Agriculture	yo.ou. u.iu	DM	MWAT		acute	chronic	
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	0.02(T)	
	Water Supply	D.O. (mg/L)		6.0	Beryllium			
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)		
	adification(a):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS	
Temporary Modification(s): Arsenic(chronic) = hybrid		E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS	
Arsenic(chronic) = nybrid Expiration Date of 12/31/2021		,			Copper	TVS	TVS	
•		Inorgani	c (ma/L)		Iron		WS	
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).		acute	chronic	Iron		1000(T)	
	chronic) = applies only above the	Ammonia	TVS	TVS	Lead	TVS	TVS	
acilities listed	at 38.5(4).	Boron		0.75	Lead	50(T)		
		Chloride		250	Manganese	TVS	TVS	
		Chlorine	0.019	0.011	Manganese		WS	
		Cyanide	0.005		Mercury		0.01(t)	
		Nitrate	10		Molybdenum		150(T)	
		Nitrite		0.05	Nickel	TVS	TVS	
		Phosphorus		0.03	Nickel		100(T)	
		Sulfate		WS	Selenium	TVS	TVS	
		Sulfide			Silver	TVS	TVS(tr)	
		Sunde		0.002	Uranium		1 v 3(ii)	
					Zinc	TVS	TVS	
sa Mainstem	of Geneva Creek from the source to the	confluence with Scott Gomer C	reek		ZIIIC	173	173	
	Classifications	Physical and I				Metals (ug/L)		
Designation	Agriculture	-	DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	7.6(T)	
Qualifiers:		D.O. (mg/L)		6.0	Beryllium			
Other:		D.O. (spawning)		7.0	Cadmium		2(T)	
		pН	3.5-9.0		Chromium III		100(T)	
		chlorophyll a (mg/m²)		150	Chromium VI		25(T)	
		E. Coli (per 100 mL)	_	126	Copper		18	
		,			Iron		1200(T)	
		Inorgani	c (ma/l)		Lead		4(T)	
		morgani	acute	chronic	Manganese		530	
		Ammonia	TVS	TVS	Mercury		0.05(T)	
		Boron		0.75	Molybdenum		150(T)	
		Chloride			Nickel		50(T)	
		Chlorine	0.019	0.011	Selenium		4.6(T)	
		Cyanide	0.019		Silver		1(T)	
		Nitrate	100		Uranium			
			100		Giailluiii			
				0.05	Zinc		100	
		Nitrite		0.05	Zinc		190	
				0.05 0.11 	Zinc		190	

COSPUS05B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
emporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
rsenic(chroni		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	-	all tributaries from source to Sunset Trail.					
OSPUS05C	Classifications	all tributaries from source to Sunset Trail. Physical and				Metals (ug/L)	TVS
OSPUS05C Designation	Classifications Agriculture	Physical and	DM	MWAT		Metals (ug/L)	
OSPUS05C Designation	Classifications Agriculture Aq Life Cold 2		DM CS-II	CS-II	Aluminum	Metals (ug/L) acute	chronic
OSPUS05C Designation	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C	DM CS-II acute	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COSPUS05C Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02-10(T)
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Temperature °C D.O. (mg/L) pH	DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02-10(T) /
COSPUS05C Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02-10(T) / TVS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	Chronic 0.02-10(T) ' TVS TVS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	Chronic 0.02-10(T) TVS TVS TVS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	DM CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chronic 0.02-10(T) 7VS TVS TVS TVS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	DM	CS-II chronic 6.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS WS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM	CS-II chronic 6.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS WS 1000(T)
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM	CS-II chronic 6.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM	CS-II chronic 6.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	TVS chronic 0.02-10(T) TVS TVS TVS WS 1000(T) TVS TVS
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T)	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T)
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 126 Chronic TVS 0.75 250 0.011 0.05 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T)
esignation eviewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 126 Chronic TVS 0.75 250 0.011 0.05 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS
COSPUS05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation U	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 126 Chronic TVS 0.75 250 0.011 0.05 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS	TVS chronic 0.02-10(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T)

5d. Mainstem	of Gooseberry Gulch and all	tributaries from Sunset Trail to confluence	with Elk Creek.				
COSPUS05D		Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus	<u></u>		Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
i		Sulfide	<u></u>	0.002	Silver	TVS	TVS(tr)
		Cullide		0.002	Uranium		
					Zinc	TVS	TVS
6a. Mainstem	of the South Platte River from	n the outlet of Cheesman Reservoir to the	inlet of Chatfield Re	eservoir.			
COSPUS06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	te of 12/31/2021				Copper	TVS	TVS
•		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese		TVS
		Chlorine	0.019	0.011	Manganese	TVS	WS
		Cyanide	0.005		Mercury		0.01(t)
		- y - 11 m m			Molybdenum		150(T)
		Nitrate	10		1 7 7 7		(- /
		Nitrate Nitrite	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel Nickel	TVS	TVS 100(T)
		Nitrite Phosphorus		0.05	Nickel		100(T)
		Nitrite Phosphorus Sulfate	 	0.05 WS	Nickel Selenium	TVS	100(T) TVS
		Nitrite Phosphorus		0.05	Nickel Selenium Silver	TVS	100(T)
		Nitrite Phosphorus Sulfate	 	0.05 WS	Nickel Selenium	TVS	100(T) TVS

6b. Chatfield R	teservoir							
COSPUS06B	Classifications	Physi	ical and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	23.5	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Cadmium	5.0(T)	
		D.O. (spawning)			7.0	Chromium III	50(T)	TVS
	(ug/L)(chronic) = measured through re representative of the mixed layer	рН		6.5 - 9.0		Chromium VI	TVS	TVS
	pt, with an allowable exceedance in 5 yrs. See section 38.6(4) for	chlorophyll a (ug/L)	7/1 - 9/30		10*	Copper	TVS	TVS
assessment th	resholds.	E. Coli (per 100 mL)			126	Iron		WS
*Phosphorus(cassessment th	hronic) = See section 38.6(4) for					Iron		1000(T)
2000001110111 111	resnotes.		Inorganic (mg/	L)		Lead	TVS	TVS
				acute	chronic	Lead	50(T)	
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		150(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Nickel		100(T)
		Nitrite			0.05	Selenium	TVS	TVS
		Phosphorus			0.03*	Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium		
		Sulfide			0.002	Zinc	TVS	TVS
0 0 1 1 1								
COSPUS06C	Classifications	Dhyei	cal and Biologi	cal			Metals (ug/L)	
Designation	ola 3 illustroll3	Filysi	cai ana biologi	DM	MWAT		acute	chronic
Designation				DIVI	WIVE		acute	CIIIOIIIC
Qualifiers:				acute	chronic			
Other:						-		
			Inorganic (mg/	•		_		
				acute	chronic			

7. All tributaries to the South Platte River, including all wetlands from a point immediately below the confluence with the North Fork of the South Platte River to the outlet of Chatfield Reservoir except for specific listings in Segments 8, 9, 10, 11, 12, and 13. Metals (ug/L) COSPUS07 Classifications Physical and Biological Designation Agriculture DM **MWAT** acute chronic Reviewable Aq Life Cold 2 Temperature °C CS-II CS-II Aluminum Recreation E 0.02-10(T) A acute chronic Arsenic 340 Water Supply D.O. (mg/L) 6.0 Beryllium Qualifiers: D.O. (spawning) 7.0 Cadmium TVS(tr) TVS рΗ 6.5 - 9.0Cadmium 5.0(T) Other: chlorophyll a (mg/m²) 150 Chromium III 50(T) TVS E. Coli (per 100 mL) 126 TVS Chromium VI TVS TVS TVS Copper WS Iron Inorganic (mg/L) acute chronic Iron 1000(T) TVS Ammonia TVS TVS Lead **TVS** Boron 0.75 Lead 50(T) TVS Manganese **TVS** Chloride 250 WS Chlorine 0.019 0.011 Manganese 0.005 Mercury 0.01(t)Cyanide Molybdenum 150(T) Nitrate 10 0.05 Nickel TVS TVS Nitrite

8. Mainstems of East and West Plum Creek from the source to the boundary of National Forest lands, including all tributaries and wetlands within the Plum Creek drainage which are on National Forest Lands, except for the specific listing in Segment 9.

Phosphorus Sulfate

Sulfide

0.11

WS

0.002

Nickel

Silver

Zinc

Selenium

Uranium

COSPUS08	Classifications	Physical and Biolog	jical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chroni	. ,	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021				Copper	TVS	TVS
		Inorganic (mg	/L)		Iron		ws
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

100(T)

TVS(tr)

TVS

TVS

TVS

TVS

TVS

		utaries and wetlands from the source to the			T T T T T T T T T T T T T T T T T T T	, , ,	
COSPUS09	Classifications	Physical and				Metals (ug/L)	
Designation	- ~		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	_
		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	ms of East Plum Creek, West F le boundary of National Forest	Plum Creek, and Plum Creek from the boo lands to their confluence.	undary of National F	orest lands	to Chatfield Reservoir, m	ainstems of Stark Cree	k and Gove
OSPUS10A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		

COSPUS10A	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Cadmium	5.0(T)	
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Arsenic(chroni	()	Inorganic	(mg/L)		Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021		acute	chronic	Copper	TVS	TVS
Copper(ac/ch)	= current condition*	Ammonia	TVS	TVS	Iron	_	ws
•	e of 12/31/2018	Boron		0.75	Iron		1000(T)
Manganese(ch condition*	nronic) = current	Chloride		250	Lead	TVS	TVS
Expiration Date		Chlorine	0.019	0.011	Lead	50(T)	
temperature(D condition*	M/MWAT) = current 12/1 - 2/29	Cyanide	0.005		Manganese	TVS	TVS
	e of 12/31/2020	Nitrate	10		Manganese		WS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Nitrite		0.5	Mercury	-	0.01(t)
the facilities lis	ted at 38.5(4).	Phosphorus		0.17*	Molybdenum		150(T)
*Phosphorus(of facilities listed	chronic) = applies only above the	Sulfate		WS	Nickel	TVS	TVS
*TempMod: Co	opper = East Plum Creek and Plum	Sulfide		0.002	Nickel		100(T)
	ne PCWRA discharge. anganese = applies to the manganese				Selenium	TVS	TVS
WS standard.					Silver	TVS	TVS
	mperature(12/1 - 2/29) = East Plum m Creek below the PCWRA				Uranium		
discharge.					Zinc	TVS	TVS

tr = trout

10b. Deleted.							
COSPUS10B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			
		system, including all wetlands which are no		lands.	1		
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2 Recreation E	Temperature °C	WS-II	WS-II	Aluminum		A
	Water Supply	D.O. (acute	chronic	Arsenic	340	0.02-10(T) A
Qualifiers:	Water Suppry	D.O. (mg/L)	6.5 - 9.0	5.0	Beryllium		
		<u> </u>			Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²) E. Coli (per 100 mL)		150 126	Cadmium	5.0(T)	
				120	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)	-1!-	Chromium VI Copper	TVS TVS	TVS
		Ammonio	acute TVS	chronic	Iron		WS
		Ammonia Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.019		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
				,	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

11

COSPUS11B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III		100(T)
Phosphorus(chronic) = applies only above the	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
acilities listed	at 38.5(4).		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite	_	0.5	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
	eservoir, a.k.a. Waucondah Reservoir, to Classifications	Physical and				Metals (ug/L)	
						Metals (ug/L)	
COSPUS12 Designation	Classifications Agriculture			MWAT		Metals (ug/L) acute	chronic
COSPUS12 Designation	Classifications Agriculture Aq Life Warm 1		Biological	MWAT WS-I	Aluminum		chronic
COSPUS12 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C	Biological DM	WS-I chronic	Arsenic	acute	chronic 0.02(T)
COSPUS12 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-I acute	WS-I chronic 5.0	Arsenic Beryllium	acute 340	 0.02(T)
COSPUS12 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-I acute	WS-I chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	 0.02(T)
COSPUS12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-I acute	WS-I chronic 5.0 150	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS 5.0(T)	TVS
COSPUS12 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS 5.0(T) 50(T)	 0.02(T) TVS TVS
COSPUS12 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS 5.0(T) 50(T) TVS	 0.02(T) TVS TVS
COSPUS12 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS 5.0(T) 50(T)	0.02(T) TVS TVS TVS TVS
COSPUS12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L)	WS-I chronic 5.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS
COSPUS12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute	WS-I chronic 5.0 150 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
COSPUS12 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute	WS-I chronic 5.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COSPUS12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-I chronic 5.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospus12 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-I chronic 5.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospus12 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospus12 designation deviewable dualifiers: other: emporary M rsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	WS-I chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	
cospus12 designation deviewable dualifiers: demporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-I chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS S TVS US 1000(T) TVS TVS WS 0.01(t) 150(T)
cospus12 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T)
cospus12 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
cospus12 designation deviewable dualifiers: demporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPUS12 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	
COSPUS12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply Iodification(s): iic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	

	01 10 11		Chatfield Reservoi		T		
COSPUS13	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	-	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	-
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021				Copper	TVS	TVS
		Inorgani	c (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel		TVS
		Phosphorus		0.11	Nickel	TVS	100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
14. Mainstem	of the South Platte River from the outle	t of Chatfield Reservoir to the Bu	ırlington Ditch dive	rsion in Denv	er, Colorado.		
COSPUS14	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I*	WS-I*	Aluminum		
	- · -				7		_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	acute 			340 	0.02(T)
Qualifiers:		D.O. (mg/L) pH		chronic	Arsenic		
		'		chronic 5.0	Arsenic Beryllium		_
Other:	Water Supply	рН	 6.5 - 9.0	chronic 5.0	Arsenic Beryllium Cadmium	 TVS	TVS
Other: Temporary M	Water Supply odification(s):	pH chlorophyll a (mg/m²)	 6.5 - 9.0 	5.0 	Arsenic Beryllium Cadmium Cadmium	TVS 5.0(T)	TVS
Other: Temporary M Arsenic(chron	Water Supply odification(s):	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 	5.0 	Arsenic Beryllium Cadmium Cadmium Chromium III	TVS 5.0(T) 50(T)	TVS TVS
Other: Temporary M Arsenic(chron Expiration Dat	Water Supply odification(s): ic) = hybrid	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 c (mg/L)	5.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS 5.0(T) 50(T) TVS	TVS TVS TVS
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron	Water Supply odification(s): ic) = hybrid e of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	 6.5 - 9.0 c (mg/L) acute	chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS 5.0(T) 50(T) TVS	TVS TVS TVS*
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E	water Supply odification(s): ic) = hybrid ie of 12/31/2021 nic) = current condition	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	 6.5 - 9.0 c (mg/L) acute TVS	chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS 5.0(T) 50(T) TVS TVS*	TVS TVS TVS TVS* TVS*
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat	water Supply odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition pM/MWAT) = current 12/1 - 2/13 e of 12/31/2020	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	 6.5 - 9.0 c (mg/L) acute TVS	chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper	TVS 5.0(T) 50(T) TVS TVS*	TVS TVS TVS TVS* WS 1000(T)
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat "Copper(acute	water Supply odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition 0M/MWAT) = current e of 12/31/2020 e) = Copper BLM-based FMB	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	 6.5 - 9.0 c (mg/L) acute TVS 	chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron	TVS 5.0(T) 50(T) TVS TVS*	TVS TVS TVS TVS WS 1000(T)
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat "Copper(acute Cu FMB(ac)=" downstream of	water Supply odification(s): ic) = hybrid ie of 12/31/2021 nic) = current condition 0M/MWAT) = current 12/1 - 2/13 ie of 12/31/2020 ie) = Copper BLM-based FMB is 1.5 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	 6.5 - 9.0 c (mg/L) acute TVS 0.019	chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead	TVS 5.0(T) 50(T) TVS TVS* TVS*	TVS TVS TVS TVS* WS 1000(T) TVS
Other: Temporary M Arsenic(chron Expiration Dal Chloride(chron temperature(E condition Expiration Dal "Copper(acute Cu FMB(ac)=" downstream o "Copper(chron Cu FMB(ch)=" Cu FMB(ch)="	water Supply odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition pM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T)	TVS TVS TVS
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chro temperature(E condition Expiration Dat Copper(acute Cu FMB(ac)=3 downstream or Cu FMB(ch)=3 downstream or downstream or downstream or	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS TVS	TVS TVS TVS* WS 1000(T) TVS 190 TVS
Other: Temporary M Arsenic(chron Data Chloride(chronemperature(Econdition Data Copper(acute Cu FMB(ac)= downstream of Copper(chronemperature) Tour FMB(ch)= downstream of Temperature	water Supply odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition pM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 31.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Manganese	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS* WS 1000(T) TVS
Other: Temporary M Arsenic(chron Data Chloride(chronemperature(Econdition Data Copper(acute Cu FMB(ac)= downstream of Copper(chronemperature) Tour FMB(ch)= downstream of Temperature	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS TVS 50(T) TVS	TVS TVS TVS* 1000(T) TVS 190 TVS 150(T)
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat "Copper(acute Cu FMB(ac)=; downstream o "Copper(chron Cu FMB(ch)=; downstream o "Temperature	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS* WS 1000(T) TVS 190 TVS 0.01(t) TVS
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat "Copper(acute Cu FMB(ac)=; downstream o "Copper(chron Cu FMB(ch)=; downstream o "Temperature	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS* WS 1000(T) TVS 190 TVS 0.01(t) 150(T) TVS 100(T)
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat "Copper(acute Cu FMB(ac)=; downstream o "Copper(chron Cu FMB(ch)=; downstream o "Temperature	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS* WS 1000(T) TVS 190 TVS 0.01(t) 150(T) TVS
Arsenic(chron Expiration Dat Chloride(chroi temperature(E condition Expiration Dat *Copper(acute Cu FMB(ac)=3 downstream o Cu FMB(chroi Cu FMB(ch)=4 downstream o	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS* WS 1000(T) TVS 190 TVS 0.01(t) 150(T) TVS 100(T) TVS
Other: Temporary M Arsenic(chron Expiration Dat Chloride(chron temperature(E condition Expiration Dat COpper(acute Cu FMB(ac)= downstream of Copper(chron Cu FMB(ch)= downstream of Temperature	odification(s): ic) = hybrid e of 12/31/2021 nic) = current condition DM/MWAT) = current 12/1 - 2/13 e of 12/31/2020 e) = Copper BLM-based FMB 81.5 ug/l f Marcy Gulch. nic) = Copper BLM-based FMB 20.8 ug/l f Marcy Gulch.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	TVS 5.0(T) 50(T) TVS TVS* TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS* WS 1000(T) TVS 190 TVS 0.01(t) 150(T) TVS 100(T) TVS

tr = trout

	Classifications	Physical and	Riological			Metals (ug/L)	
COSPUS15	Agriculture	riiysicai aliu	DM	MWAT		acute	chronic
Designation JP	Ag Life Warm 2	Towns areturn °C	WS-I	WS-I	Aluminum	acute	CHIOTIC
)	Recreation E	Temperature °C	acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)	varies*	varies*	Beryllium	340	0.02-10(1)
Qualifiers:	1 113	pH	6.0-9.0*	varies	Cadmium	TVS	TVS
		pH	6.5 - 9.0		Cadmium	5.0(T)	172
Other:		chlorophyll a (mg/m²)	0.5 - 9.0		Chromium III		TVS
	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	50(T) TVS	TVS
•	nic) = current condition	L. Coli (per 100 IIIL)		120			TVS*
,	c) = current condition 0M/MWAT) = current	I	:- (II)		Copper	TVS*	1 7 3
condition	/W/WWW/T/) = dufferit	Inorgan	ic (mg/L)		Copper		WS
Expiration Dat	e of 12/31/2020		acute	chronic	Iron		
	ute) = See attached table for site-	Ammonia	TVS*	TVS*	Iron		1000(T)
pecific standa	ards. onic) = See attached table for site-	Boron		0.75	Lead	TVS	TVS
pecific stand	ards.	Chloride		250	Lead	50(T)	
Copper(acute Cu FMB(ac)=3	e) = Copper BLM-based FMB 35.1 ug/l	Chlorine	0.019	0.011	Manganese	TVS	400
Downstream o	of the Metro Hite WWTF outfall.	Cyanide	0.005		Manganese		TVS
Copper(chror Cu FMB(ch)=	nic) = Copper BLM-based FMB 23.5 ug/l	Nitrate	10		Mercury		0.01(t)
Downstrèam c	of the Metro Hite WWTF outfall.	Nitrite		1.0	Molybdenum		150(T)
D.O. (mg/L)(a specific standa	acute) = See attached table for site- ards.	Phosphorus			Nickel	TVS	TVS
	chronic) = See attached table for site-	Sulfate		WS	Nickel		100(T)
pecific standa pH(acute) = 6	ards. 5.0 - 9.0 from 64th Ave. downstream 2	Sulfide		0.002	Selenium	TVS	TVS
niles					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
							173
I6a Mainston	a of Sand Crook from the confluence o	f Mumby and Coal Crook in Arac	pakea Caunty to the	confluence	with the Tell Gate Creek		173
	n of Sand Creek from the confluence o			confluence	with the Toll Gate Creek		173
COSPUS16A	Classifications	f Murphy and Coal Creek in Arag	Biological		with the Toll G ate Creek	Metals (ug/L)	
COSPUS16A Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
COSPUS16A Designation	Classifications Agriculture Aq Life Warm 2		Biological DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute	chronic
COSPUS16A Designation Reviewable	Classifications Agriculture	Physical and Temperature °C	Biological DM	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 100(T)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 100(T)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 100(T) TVS
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS 100(T)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI		chronic 100(T) TVS TVS 100(T) TVS
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 iic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L)	MWAT WS-II chronic 5.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead		Chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese		Chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum		chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
COSPUS16A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium		Chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS

16b. Aurora Re							
COSPUS16B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
	DUWS	pH	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (ug/L)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese		TVS
		Nitrate	10		Manganese	TVS	WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
							T1 (0
					Silver	TVS	TVS
					Silver Uranium	TVS 	
						TVS TVS	TVS TVS
	ries to the South Platte River, including				Uranium Zinc	 TVS	 TVS
specific listings	s in the subbasins of the South Platte R	River, and in Segments 16a, 16d	, 16e, 16f, 16g, 16h		Uranium Zinc	TVS luence with Big Dry Cre	 TVS
specific listings	s in the subbasins of the South Platte F		, 16e, 16f, 16g, 16h Biological	, 16i, 16j, an	Uranium Zinc	TVS luence with Big Dry Cre Metals (ug/L)	TVS eek, except for
specific listings COSPUS16C Designation	s in the subbasins of the South Platte F Classifications Agriculture	River, and in Segments 16a, 16d Physical and	, 16e, 16f, 16g, 16h Biological DM	, 16i, 16j, an	Uranium Zinc I mediately below the confd 16k.	TVS luence with Big Dry Cre Metals (ug/L) acute	 TVS
specific listings	s in the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2	River, and in Segments 16a, 16d	, 16e, 16f, 16g, 16h Biological DM WS-II	, 16i, 16j, an MWAT WS-II	Uranium Zinc mediately below the confid 16k. Aluminum	TVS luence with Big Dry Cre Metals (ug/L) acute	TVS eek, except for chronic
specific listings COSPUS16C Designation UP	s in the subbasins of the South Platte F Classifications Agriculture	Physical and Temperature °C	, 16e, 16f, 16g, 16h Biological DM WS-II acute	MWAT WS-II chronic	Uranium Zinc mediately below the confd 16k. Aluminum Arsenic	TVS luence with Big Dry Cre Metals (ug/L) acute 340	TVS eek, except for
specific listings COSPUS16C Designation	s in the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	, 16e, 16f, 16g, 16h Biological DM WS-II acute	MWAT WS-II chronic 5.0	Uranium Zinc mediately below the conf d 16k. Aluminum Arsenic Beryllium	TVS luence with Big Dry Cre Metals (ug/L) acute 340	TVS eek, except for chronic 100(T)
specific listings COSPUS16C Designation UP	s in the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L) pH	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Uranium Zinc mediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS	TVS eek, except for chronic 100(T) TVS
specific listings COSPUS16C Designation UP Qualifiers: Other:	s in the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	, 16e, 16f, 16g, 16h Biological DM WS-II acute	MWAT WS-II chronic 5.0 150*	Uranium Zinc mediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III	TVS luence with Big Dry Cre Metals (ug/L) acute 340	TVS eek, except for chronic 100(T) TVS TVS
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4).	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Uranium Zinc mediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T)
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150*	Uranium Zinc mediately below the conf d 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS
specific listings COSPUS16C Designation UP Qualifiers: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 150* 126 chronic	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 150* 126 chronic TVS	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T)
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 150* 126 chronic	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 150* 126 chronic TVS	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Physical and Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 150* 126 chronic TVS 0.75	Uranium Zinc mediately below the confet 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 150* 126 chronic TVS 0.75	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Physical and Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 150* 126 chronic TVS 0.75 0.011	Uranium Zinc mediately below the confet 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Physical and Physical and Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 150* 126 chronic TVS 0.75 0.011	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 150* 126 chronic TVS 0.75 0.011	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
specific listings COSPUS16C Designation UP Qualifiers: Other: *chlorophyll a the facilities lis *Phosphorus(c	cin the subbasins of the South Platte F Classifications Agriculture Aq Life Warm 2 Recreation E (mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	Physical and Physical and Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	, 16e, 16f, 16g, 16h Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 150* 126 chronic TVS 0.75 0.011 0.5	Uranium Zinc Inmediately below the confid 16k. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS luence with Big Dry Cre Metals (ug/L) acute 340 TVS	TVS eek, except for chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS

16d. Second C							
COSPUS16D	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E	_	acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		3.3*	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
*	(chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
cniorophyii a the facilities lis	(mg/m ²)(chronic) = applies only above ted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium III		100(T)
*Phosphorus(c) facilities listed	chronic) = applies only above the	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
*D.O. (mg/L)(c	hronic) = 15th percentile of D.O.		acute	chronic	Copper	TVS	TVS
measurements 6:30 p.m.	s collected between 6:30 a.m. and	Ammonia	TVS	TVS	Iron		1000(T)
0.00 p.iii.		Boron		0.75	Lead	TVS	TVS
		Chloride	_		Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite	_	0.5	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
	ek from the source to the O'Brian Can	al.		0.002			TVS
COSPUS16E	Classifications		Biological			Metals (ug/L)	
COSPUS16E Designation	Classifications Agriculture	al. Physical and l	Biological DM	MWAT		Metals (ug/L) acute	TVS
COSPUS16E	Classifications Agriculture Aq Life Warm 2	al.	Biological DM WS-III	MWAT WS-III	Aluminum	Metals (ug/L) acute 	chronic
COSPUS16E Designation UP	Classifications Agriculture	al. Physical and I Temperature °C	Biological DM WS-III acute	MWAT WS-III chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic
COSPUS16E Designation UP	Classifications Agriculture Aq Life Warm 2	al. Physical and I Temperature °C D.O. (mg/L)	Biological DM WS-III acute	MWAT WS-III chronic 4.0*	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 100(T)
COSPUS16E Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	Biological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 4.0*	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 100(T) TVS
COSPUS16E Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 4.0*	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	Biological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 4.0*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS 100(T)
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 4.0*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-III chronic 4.0* 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-III acute 6.5 - 9.0 c (mg/L)	MWAT WS-III chronic 4.0* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-III chronic 4.0* 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
COSPUS16E Designation UP Qualifiers: Other: *D.O. (mg/L)(c measurements	Classifications Agriculture Aq Life Warm 2 Recreation E	al. Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-III acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	MWAT WS-III chronic 4.0* 126 chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS

COSPUS16F	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	i nyoloul unu	DM	MWAT		acute	chronic
JP	Ag Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E	Temperature 0	acute	chronic	Arsenic	340	100(T)
Qualifiers:	<u> </u>	D.O. (mg/L)		narrative*	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
otilei.		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	(mg/m²)(chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium III		100(T)
	sted at 38.5(4). chronic) = applies only above the	,	nic (mg/L)		Chromium VI	TVS	TVS
facilities listed		illorgal	acute	chronic	Copper	TVS	TVS
	s shall be maintained at levels that	Ammonia	TVS	TVS	Iron		1000(T)
protect classifi	ed uses.	Boron		0.75	Lead	TVS	TVS
						TVS	TVS
		Chloride		0.011	Manganese		
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum	 TV6	150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
16g. Marcy Gu	ulch, including all wetlands from the sou	I urce to the confluence with the S	South Platte.		l		
COSPUS16G	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)	-	5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	ndification(s):	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	M/MWAT) = current 12/1 - 2/29	E. Coli (per 100 mL)		126	Chromium III		100(T)
condition*	,	Inorgan	iic (mg/L)		Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2020	3.	, , ,	chronic	Copper		TVS*
•			acme		The Property of the Property o		
) = Copper BLM-based FMB	Ammonia	acute TVS		Copper	TVS*	
Cu FMB(ac)=6		Ammonia Boron	TVS	TVS	Copper	TVS*	 1000(T)
Cu FMB(ac)=6 below the Cen 'Copper(chror	57.1 ug/l tennial WWTF. lic) = Copper BLM-based FMB	Boron	TVS 	TVS 0.75	Iron		1000(T)
Cu FMB (ac)=6 below the Cen Copper(chror Cu FMB(ch)=4	57.1 ug/l tennial WWTF. lic) = Copper BLM-based FMB	Boron Chloride	TVS	TVS 0.75	Iron Lead	TVS	TVS
Cu FMB (ac)=6 pelow the Cen Copper(chror Cu FMB(ch)=4 pelow the Cen Selenium(acu	i7.1 ug/l tennial WWTF. lic) = Copper BLM-based FMB 13.3 ug/l tennial WWTF. lte) = See section 38.6(4)(b) for	Boron Chloride Chlorine	TVS 0.019	TVS 0.75 0.011	Iron Lead Manganese	TVS TVS	TVS TVS
Cu FMB (ac)=6 pelow the Cen Copper(chror Cu FMB (ch)=4 pelow the Cen Selenium(acu assessment lo	i7.1 ug/l tennial WWTF. lic) = Copper BLM-based FMB 13.3 ug/l tennial WWTF. lte) = See section 38.6(4)(b) for	Boron Chloride Chlorine Cyanide	TVS 0.019 0.005	TVS 0.75 0.011	Iron Lead Manganese Mercury	 TVS TVS 	TVS
Cu FMB (ac)=6 pelow the Cen Copper(chror) Cu FMB (ch)=4 pelow the Cen Selenium(acu assessment lo Selenium(chr assessment lo	in tennial WWTF. iic) = Copper BLM-based FMB i3.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for cations.	Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005 100	TVS 0.75 0.011 	Iron Lead Manganese Mercury Molybdenum	 TVS TVS 	TVS TVS 0.01(t)
Cu FMB (ac)=6 pelow the Cen Copper(chror Cu FMB (ch)=4 pelow the Cen Selenium(acu assessment lo Selenium(chr assessment lo TempMod: te	in tennial WWTF. itic) = Copper BLM-based FMB is.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for cations. mperature(12/1 - 2/29) = downstream	Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS 0.019 0.005 100	TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	TVS TVS 0.01(t) TVS
Cu FMB (ac)=6 colow the Cen Copper(chror Cu FMB (ch)=4 celow the Cen Selenium(acu assessment lo Selenium(chr assessment lo TempMod: te	in tennial WWTF. itic) = Copper BLM-based FMB is.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for cations. mperature(12/1 - 2/29) = downstream	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS 0.019 0.005 100	TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS 21*	TVS TVS 0.01(t) TVS 13*
Cu FMB (ac)=6 below the Cen "Copper(chror Cu FMB (ch)=4 below the Cen "Selenium(acu assessment lo "Selenium(chr assessment lo "TempMod: te	in tennial WWTF. itic) = Copper BLM-based FMB is.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for cations. mperature(12/1 - 2/29) = downstream	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS 0.019 0.005 100	TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS 21* TVS	TVS TVS 0.01(t) TVS 13* TVS
Cu FMB (ac)=6 below the Cen *Copper(chror Cu FMB (ch)=4 below the Cen *Selenium(acu assessment lo *Selenium(chr assessment lo	in tennial WWTF. itic) = Copper BLM-based FMB is.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for cations. mperature(12/1 - 2/29) = downstream	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS 0.019 0.005 100	TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS 21* TVS	TVS TVS 0.01(t) TVS 13* TVS
Cu FMB (ac)=6 colow the Cen Copper(chror Cu FMB (ch)=4 celow the Cen Selenium(acu assessment lo Selenium(chr assessment lo TempMod: te	in tennial WWTF. itic) = Copper BLM-based FMB is.3 ug/l tennial WWTF. ite) = See section 38.6(4)(b) for cations. onic) = See section 38.6(4)(b) for cations. mperature(12/1 - 2/29) = downstream	Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS 0.019 0.005 100	TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS 21* TVS	TVS TVS 0.01(t) TVS 13* TVS

16h. Mainstem of West Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with East Toll Gate Creek. Mainstem of East Toll Gate Creek, including all tributaries and wetlands, upstream of the confluence with West Toll Gate Creek. Mainstem of Toll Gate Creek, downstream of the confluence of East and West Toll Gate Creeks, to the confluence with Sand Creek.

COSPUS16H	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
ish Ingestion	n Standards	pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
	(mg/m^2) (chronic) = applies only above	, ,	ic (mg/L)		Chromium VI	TVS	TVS
	ted at 38.5(4). chronic) = applies only above the	morgan	acute	chronic	Copper	TVS	TVS
acilities listed	at 38.5(4). te) = See section 38.6(4)(b) for	Ammonia	TVS	TVS	Iron		1000(T)
selenium stand	dards and assessment locations.	Boron		0.75	Lead	TVS	TVS
	onic) = See section 38.6(4)(b) for dards and assessment locations.	Chloride		0.73	Manganese	TVS	TVS
Cicinain Stanc	and and added ment locations.				Mercury		
		Chlorine	0.019	0.011	-		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	varies*	varies*
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
	of Sand Creek from the confluence wit	I		Platte River.	T		
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		-
ish Ingestior	n Standards	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)	-	150*	Cadmium	5.0(T)	-
chlorophyll a	(mg/m²)(chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
	ted at 38.5(4).	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Phosphorus(cacilities listed	chronic) = applies only above the		acute	chronic	Copper	TVS	TVS
Mercury(chro	nic) = 0.026 below Brighton Blvd, see	Ammonia	TVS	TVS	Iron		1000(T)
	(f) for mercury assessment locations te) = See section 38.6(4)(f) for	Boron		0.75	Lead	TVS	TVS
elenium stand	dards and assessment locations.	Chloride			Lead	50(T)	
	onic) = See section 38.6(4)(f) for dards and assessment locations.	Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Mercury		0.026(t)*
		Nitrite		0.5	Molybdenum		150(T)
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate			Nickel		100(T)
		Sulfide		0.002	Selenium		varies*
		5440		0.002	Selenium	varies*	
					Silver	TVS	TVS
					Uranium		TVS
					Zinc	TVS	

16j. Lee Gulch	01 '5' 4'	· · ·	B				
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Cadmium	5.0(T)	
chlorophyll a	(mg/m²)(chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
he facilities lis	ited at 38.5(4).	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Phosphorus(d facilities listed	chronic) = applies only above the		acute	chronic	Copper	TVS	TVS
Selenium(acu	ite) = See section 38.6(4)(h) for	Ammonia	TVS	TVS	Iron		WS
	dards and assessment locations. onic) = See section 38.6(4)(h) for	Boron		0.75	Iron		1000(T)
	dards and assessment locations.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005	_	Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
		Camac		0.002	Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
16k. Mainstem	of Lakewood Gulch from the source to	the confluence with the South I	Platte.		<u> </u>		
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:	Recreation E	D.O. (mg/L)	acute	chronic 5.0		340	7.6(T)
	Recreation E	D.O. (mg/L)			Beryllium		
	Recreation E	рН		5.0	Beryllium Cadmium	TVS	TVS
Other:	(mg/m²)(chronic) = applies only above	pH chlorophyll a (mg/m²)	6.5 - 9.0 	5.0 150*	Beryllium Cadmium Chromium III	TVS	TVS
Other: *chlorophyll a		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0	Beryllium Cadmium Chromium III Chromium III	TVS TVS	TVS TVS 100(T)
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	5.0 150* 126	Beryllium Cadmium Chromium III Chromium VI	TVS TVS TVS	TVS TVS 100(T) TVS
Other: chlorophyll a he facilities list Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 6.5 - 9.0 ic (mg/L) acute	5.0 150* 126 chronic	Beryllium Cadmium Chromium III Chromium VI Copper	TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	 6.5 - 9.0 ic (mg/L) acute TVS	5.0 150* 126 chronic TVS	Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T)
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	 6.5 - 9.0 ic (mg/L) acute TVS	5.0 150* 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	 6.5 - 9.0 ic (mg/L) acute TVS 	5.0 150* 126 chronic TVS 0.75	Beryllium Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	5.0 150* 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t)
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150* 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 150(T)
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	5.0 150* 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 150(T) TVS
Other: chlorophyll a he facilities list Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150* 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 150(T) TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(d	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	5.0 150* 126 chronic TVS 0.75 0.011	Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 150(T) TVS
Other: chlorophyll a he facilities lis	(mg/m²)(chronic) = applies only above ted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	5.0 150* 126 chronic TVS 0.75 0.011 0.5	Beryllium Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 150(T) TVS TVS

17a. Washingto	on Park Lakes, City Park Lakes, R	ocky Mountain Lake, Berkely Lake.					
	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride	_		Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
17b. Sloan's La					1		
	Classifications	Physical and E				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:				0.0			
		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)	6.5 - 9.0		Chromium III	TVS TVS	TVS
					Chromium III Chromium III	TVS TVS 	TVS 100(T)
		chlorophyll a (ug/L)			Chromium III Chromium III Chromium VI	TVS TVS TVS	TVS 100(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL)			Chromium III Chromium III Chromium VI Copper	TVS TVS 	TVS 100(T) TVS TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL)	 c (mg/L)	 126 chronic	Chromium III Chromium III Chromium VI Copper Iron	TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T)
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	 c (mg/L)	 126 chronic	Chromium III Chromium III Chromium VI Copper	TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	c (mg/L) acute TVS	 126 chronic TVS 0.75	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	c (mg/L) acute TVS 0.019	 126 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	c (mg/L) acute TVS 0.019 0.005	 126 chronic TVS 0.75	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	c (mg/L) acute TVS 0.019 0.005	 126 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	c (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	c (mg/L) acute TVS 0.019 0.005	 126 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	c (mg/L) acute TVS 0.019 0.005 100	 126 chronic TVS 0.75 0.011	Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS

	ake, a.k.a. Patrick Reservoir or Bow M		Distantant			Madala (co. #1)	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	TVS	TVS
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (ug/L)			Chromium III		100(T)
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgai	nic (mg/L)		Iron	-	1000(T)
			acute	chronic	Lead	TVS	TVS
		Ammonia	TVS	TVS	Manganese	TVS	TVS
		Boron		0.75	Mercury		0.01(t)
		Chloride	-		Molybdenum		150(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.5	Uranium		
		Phosphorus			Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			
18. Lakes and	reservoirs within the boundaries of the	Lost Creek and Mt. Evans Wild	lerness areas.				
COSPUS18	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (ug/L)		8*	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Phosphorus(d	chronic) = applies only to lakes and				Copper	TVS	TVS
reservoirs larg	er than 25 acres surface area.	Inorgai	nic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
			0.019		Mercury		0.01(t)
		Cyanide			Molyhdenum		
		Nitrate	10		Molybdenum	 TVS	150(T)
		Nitrate Nitrite	10	0.05	Nickel	TVS	TVS
		Nitrate Nitrite Phosphorus	10 	0.05 0.025*	Nickel Nickel	TVS 	TVS 100(T)
		Nitrate Nitrite Phosphorus Sulfate	10 	0.05 0.025* WS	Nickel Nickel Selenium	TVS TVS	TVS 100(T) TVS
		Nitrate Nitrite Phosphorus	10 	0.05 0.025*	Nickel Nickel Selenium Silver	TVS TVS TVS	TVS 100(T) TVS TVS(tr)
		Nitrate Nitrite Phosphorus Sulfate	10 	0.05 0.025* WS	Nickel Nickel Selenium	TVS TVS	TVS 100(T) TVS

COSPUS19	Classifications	Phys	sical and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	3/1 - 12/31	CLL*	25.0*	Aluminum	-	
	Recreation E	Temperature °C	4/1 - 12/31	CLL*	19.6*	Arsenic	340	0.02(T)
	Water Supply	Temperature °C	4/1 - 12/31	CLL*	19.8* ^B	Beryllium	_	
	DUWS*	Temperature °C	4/1 - 12/31	CLL*	20.2*	Cadmium	TVS(tr)	TVS
Qualifiers:		Temperature °C	4/1 - 12/31	CLL*	21.9*	Cadmium	5.0(T)	
Other:		Temperature °C	4/1 - 12/31	CLL*	22.6*	Chromium III	50(T)	TVS
- - - - - - - - - - - - - -	/	Temperature °C		CL,CLL	CL,CLL	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only ab sted at 38.5(4), applies only to la			acute	chronic	Copper	TVS	TVS
	larger than 25 acres surface are DUWS applies to Strontia Sprii				6.0	Iron		WS
nly.		D.O. (spawning)			7.0	Iron		1000(T)
	chronic) = applies only above the at 38.5(4), applies only to lakes			6.5 - 9.0		Lead	TVS	TVS
eservoirs larg	er than 25 acres surface area.	chlorophyll a (ug/L)			8*	Lead	50(T)	
1 emperature MWAT=25.0)	(3/1 - 12/31) = Platte Canyon Re	E. Coli (per 100 mL)			126	Manganese	TVS	TVS
Temperature MWAT=19.6)	(4/1 - 12/31) = Antero Reservoir					Manganese		WS
Temperature	(4/1 - 12/31) = Elevenmile Reser	voir	Inorganic (mg/	L)		Mercury		0.01(t)
MWAT=19.8) Temperature	(4/1 - 12/31) = Spinney Mt Rese	rvoir		acute	chronic	Molybdenum		150(T)
MWAT=20.2)		Ammonia		TVS	TVS	Nickel	TVS	TVS
l emperature MWAT=21.9)	(4/1 - 12/31) = Cheesman Reser	Boron			0.75	Nickel		100(T)
Temperature MWAT=22.6)	(4/1 - 12/31) = Strontia Springs F	Res Chloride			250	Selenium	TVS	TVS
WIVVA I -22.0)		Chlorine		0.019	0.011	Silver	TVS	TVS(tr)
		Cyanide		0.005		Uranium		_
		Nitrate		10		Zinc	TVS	TVS
		Nitrite			0.05			
		Phosphorus			0.025*			
		Sulfate			WS			
		Sulfide			0.002			

20. Lakes and reservoirs in the Plum Creek system within National Forest boundaries; and lakes and reservoirs in the Bear Creek drainage between the National Forest boundary and to the inlet of Perry Park Reservoir, a.k.a. Waucondah Reservoir (Douglas County). COSPUS20 Classifications Physical and Biological Metals (ug/L) Designation Agriculture **MWAT** DM chronic acute Reviewable Aq Life Cold 1 Temperature °C CL CL Aluminum Recreation E acute chronic Arsenic 340 0.02(T) Water Supply D.O. (mg/L) 6.0 Beryllium Qualifiers: D.O. (spawning) 7.0 Cadmium TVS(tr) TVS 6.5 - 9.0Other: рΗ Cadmium 5.0(T) chlorophyll a (ug/L) Chromium III 50(T) TVS E. Coli (per 100 mL) 126 Chromium VI TVS TVS TVS Copper TVS ws Inorganic (mg/L) Iron 1000(T) acute chronic Iron Lead Ammonia TVS TVS TVS TVS 0.75 Lead 50(T) ---Boron Manganese TVS TVS Chloride 250 ws 0.011 Manganese Chlorine 0.019 0.01(t) Cyanide 0.005 Mercury Nitrate Molybdenum 150(T) 10 Nickel TVS TVS 0.05 Nitrite Phosphorus Nickel 100(T) --ws Selenium TVS TVS Sulfate Silver Sulfide 0.002 TVS TVS(tr) Uranium Zinc TVS TVS

COSPUS21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
	DUWS*	pH	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:	·	chlorophyll a (ug/L)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		,	nic (mg/L)		Chromium VI	TVS	TVS
	n: DUWS applies to Aurora Rampart	morgan	acute	chronic	Copper	TVS	TVS
only.		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide			Manganese	TVS	TVS
		,	0.005		Manganese		WS
		Nitrate	10	0.5			
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-	
20 1 1		O D D: (" ' ' () ' ("		Zinc	TVS	TVS
	nd reservoirs in watersheds tributary to ecific listings in the subbasins of the So					v the confluence with E	Big Dry Creek,
COSPUS22A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Amania		
					Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium	340	0.02(T)
	Water Supply DUWS*	D.O. (mg/L) pH	 6.5 - 9.0				
Qualifiers:				5.0	Beryllium		
Qualifiers: Fish Ingestio		pН		5.0	Beryllium Cadmium	 TVS 5.0(T)	
Fish Ingestic	DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0	5.0	Beryllium Cadmium Cadmium	TVS	TVS
Fish Ingestic	DUWS*	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	6.5 - 9.0 nic (mg/L)	5.0 126	Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS 5.0(T) 50(T)	TVS TVS TVS
Fish Ingestion Other: Temporary N	DUWS* on Standards Modification(s):	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute	5.0 126 chronic	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS 5.0(T) 50(T) TVS	TVS TVS TVS TVS
Fish Ingestic Other: Temporary N Arsenic(chror	DUWS* on Standards Modification(s):	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 nic (mg/L) acute TVS	5.0 126 chronic TVS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS TVS WS
Tish Ingestic Other: Temporary Marsenic(chrore Expiration Da	DUWS* on Standards Modification(s): nic) = hybrid ate of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 nic (mg/L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS
Tish Ingestic Other: Temporary M Arsenic(chror Expiration Da 'Classification	DUWS* on Standards Modification(s): nic) = hybrid	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 nic (mg/L) acute TVS	5.0 126 chronic TVS 0.75 250	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 5.0(T) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Fish Ingestic Other: Temporary N Arsenic(chror Expiration Da Classification Quincy only. Molybdenum	DUWS* on Standards Modification(s): nic) = hybrid ate of 12/31/2021	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 nic (mg/L) acute TVS 0.019	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS 50(T)	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Fish Ingestic Other: Femporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Fish Ingestic Other: Femporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Tish Ingestic Other: Temporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Fish Ingestic Other: Femporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Fish Ingestic Other: Femporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Molybdenum	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) 210(T)*
Fish Ingestic Other: Temporary N Arsenic(chror Expiration Da Classification Quincy only. Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) 210(T)* TVS
Fish Ingestic Other: Femporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Molybdenum Nickel Nickel	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Fish Ingestic Other: Femporary Marsenic(chrore Expiration Da Classification Quincy only, Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Molybdenum Nickel Nickel Selenium	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Fish Ingestic Other: Temporary N Arsenic(chror Expiration Da Classification Quincy only. Molybdenum	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Other: Temporary Marsenic(chrorexpiration Date) Classification Quincy only.	DUWS* On Standards Modification(s): nic) = hybrid ste of 12/31/2021 n: DUWS applies to McLellan and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Molybdenum Nickel Nickel Selenium	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS

D.O. = dissolved oxygen

COSPUS22B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)	-		Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
	River and in Segments 17a and	17b			1		basins of the
COSPUS23	Classifications	17b Physical and			1	Metals (ug/L)	
COSPUS23 Designation	Classifications Agriculture	Physical and	DM	MWAT		Metals (ug/L) acute	chronic
COSPUS23 Designation	Classifications Agriculture Aq Life Warm 2		DM WL	MWAT WL	Aluminum	Metals (ug/L) acute	chronic
COSPUS23 Designation Reviewable	Classifications Agriculture	Physical and Temperature °C	DM WL acute	MWAT WL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 7.6(T)
COSPUS23 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L)	DM WL acute	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6(T) TVS
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T)
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute 6.5 - 9.0 nic (mg/L) acute	MWAT WL chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM WL acute 6.5 - 9.0 	MWAT WL chronic 5.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T)
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT WL chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS
COSPUS23 Designation Reviewable Qualifiers: Tish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT WL chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1VS
COSPUS23 Designation Reviewable Qualifiers: Tish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT WL chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 0.01(t)
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS 1000(T) TVS
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 0.01(t) 150(T)
cospus23 designation deviewable dualifiers: ish Ingestion other:	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
COSPUS23 Designation Reviewable Qualifiers: Tish Ingestion	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	Metals (ug/L) acute 340 TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS
COSPUS23 Designation Reviewable Qualifiers: Fish Ingestion Other:	Classifications Agriculture Aq Life Warm 2 Recreation E n Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100	MWAT WL chronic 5.0 126 Chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS

UPPER SOUTH PLATTE RIVER SEGMENT 15

Site-Specific Minimum Dissolved Oxygen and Ammonia Standards

UNDERLYING STANDARDS

Dissolved Oxygen

Early Life Stage Protection Period (April 1 through July 31)

1-Day^{1,5,6} 3.0 mg/L (acute)

7-Day Average ^{1.2.,4} 5.0 mg/L

Older Life Stage Protection Period (August 1 through March 31)

1-Day ^{1,5} 2.0 mg/L (acute)

7-Day Mean of Minimums^{1,3}2.5 mg/L

30-Day Average ^{1.2.} 4.5 mg/L

TEMPORARY MODIFICATION

During the period until October 31, 2001, the Segment 15 dissolved oxygen standards from 88th Avenue north to the end of the Segment shall be the currently existing ambient conditions as monitored in 1992, 1993, and 1994 by the Division and by the Metro District. Beginning November 1, 2001, the standards shall apply to all sections of Segment 15 south of the Brighton Ditch diversion. The standards north of the Brighton Ditch diversion shall continue to be the ambient conditions existing in 1992, 1993, and 1994. Beginning November 1, 2004, the standards shall apply to all sections of Segment 15.

Refer to Section 38(6)(4)(c) for Dissolved Oxygen assessment locations.

Footnotes

^{1.} For the purposes of determining compliance with the standards, dissolved oxygen measurements shall only be taken in the flowing portion of the stream at mid-depth, and at least six inches above the bottom of the channel. All sampling protocols and test procedures shall be in accordance with procedures and protocols approved by the Division.

- A minimum of four independent daily means must be used to calculate the average for the 7-Day Average standard. A minimum of eight independent daily means must be used to calculate the average for the 30-Day Average standard. The four days and the eight days must be representative of the 7-Day and the 30-Day periods respectively. The daily means shall be the mean of the daily high and low values. In calculating the mean values, the dissolved oxygen saturation value shall be used in place of any dissolved oxygen measurements which exceed saturation.
- The 7-Day Mean minimum is the average of the daily minimums measured at the location on each day during any 7-Day period.
- North of the Lupton Bottoms Ditch diversion, the ELS 7-Day average standards for the period July 1 June 31 shall be 4.6 mg/L.
- 5. During a 24 hour day dissolved oxygen levels are likely to be lower during the nighttime when there is no photosynthesis. The dissolved oxygen levels should not drop below the acute standard (ELS acute standard of 3.0 mg/L or the OLS standards of 2.0 mg/L). However, if during the ELS period multiple measurements are below 3.0 mg/L during the same nighttime period, the multiple measurements shall be considered a single exceedance of the acute standard. For measurement below 2.0 mg/L during either the ELS or the OLS periods, each hourly measurement below 2.0 mg/L shall be considered an exceedance of the acute standards.
- In July, the dissolved oxygen level in Segment 15 may be lower than the 3.0 mg/L acute standard for up to 14 exceedances in any one year and up to a total of 21 exceedances in three years before there is a determination that the acute dissolved oxygen standards is not being met. Exceedances shall be counted as described in Footnote 5.

Ammonia:

Early Life Stage Protection Period (April 1 through July 31)

Ammonia Warm Water = (mg/l as N)Total $acute = \frac{0.411}{1+10^{7.204-pH}} + \frac{58.4}{1+10^{pH-7.204}}$ $chronic \ (Apr1 - July31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \left(2.85, 1.45*10^{0.028(25-T)}\right)$ $chronic \ (Aug1 - Mar31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * 1.45*10^{0.028*(25-MAX(T, 7))}$ $NH_3 = \text{old TVS}$ Warm Water Acute = 0.62/FT/FPH/2(4 old) in mg/ (N)

1. Mainstem of Cherry Creek from the sou	rce of East and West Cherry Creek t	to the inlet of Cherry Cr	ek Reservoir.			
COSPCH01 Classifications	Physica	al and Biological			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	pH	6.5 - 9.0)	Cadmium	TVS	TVS
Other:	chlorophyll a (mg/m²)		150*	Cadmium	5.0(T)	
Temporary Modification(s):	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Copper(ac/ch) = current condition*	In	organic (mg/L)		Chromium VI	TVS	TVS
Expiration Date of 12/31/2020		acute	chronic	Copper	TVS	TVS
*chlorophyll a (mg/m²)(chronic) = applies o	only above Ammonia	TVS	TVS	Iron		ws
the facilities listed at 38.5(4).	Boron		0.75	Iron		1000(T)
*Phosphorus(chronic) = effective 12/31/20 Applies only above the facilities listed at 3			250	Lead	TVS	TVS
*TempMod: Copper = below the PWSD W outfall.	WTF Chlorine	0.019	0.011	Lead	50(T)	
outian.	Cyanide	0.005		Manganese	TVS	TVS
	Nitrate	10		Manganese		WS
	Nitrite		0.5	Mercury		0.01(t)
	Phosphorus		0.17*	Molybdenum		150(T)
	Sulfate		WS	Nickel	TVS	TVS
	Sulfide		0.002	Nickel		100(T)
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium		
				Zinc	TVS	TVS
2. Cherry Creek Reservoir.						
E. Onony Orock (Nodervoil)				1		
COSPCH02 Classifications	Physica	al and Biological			Metals (ug/L)	
COSPCH02 Classifications Designation Agriculture	Physica	DM	MWAT		Metals (ug/L)	chronic
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1	Physica Temperature °C	DM WL	WL	Aluminum	acute	chronic
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E	Temperature °C	DM	WL chronic	Aluminum Arsenic	acute	chronic 0.02(T)
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply		DM WL	WL		acute	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	WL chronic 5.0	Arsenic	acute 340	 0.02(T)
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute	### WL chronic 5.0 18*	Arsenic Beryllium	acute 340 	 0.02(T) TVS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other:	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS 5.0(T) 50(T)	 0.02(T) TVS TVS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season meconcentration measured in the upper three	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) ean e meters of	DM WL acute 6.5 - 9.0	### WL chronic 5.0 18*	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS 5.0(T)	 0.02(T) TVS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season me	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) ean e meters of rough	DM WL acute 6.5 - 9.1	### WL chronic 5.0 18*	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS 5.0(T) 50(T)	0.02(T) TVS TVS TVS TVS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July the	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) ean e meters of rough	DM WL acute 6.5 - 9.1 7/1 - 9/30 corganic (mg/L)	WL chronic 5.0 0 18* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) en meters of rough of once in	DM WL acute 6.5 - 9.0 7/1 - 9/30 corganic (mg/L) acute	WL chronic 5.0 18* 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T) TVS TVS	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) ean e meters of rough of once in Ammonia	DM WL acute 6.5 - 9.0 7/1 - 9/30 corganic (mg/L) acute TVS	WL chronic 5.0 18* 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) e an e meters of rough of once in Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 7/1 - 9/30 corganic (mg/L) acute TVS 0.019	WL chronic 5.0 18* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) ean e meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 7/1 - 9/30 corganic (mg/L) acute TVS 0.019 0.005	WL chronic 5.0 18* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) e an e meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 7/1 - 9/30 corganic (mg/L) acute TVS 0.019	WL chronic 5.0 18* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) e an e meters of rough y of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 7/1 - 9/30 norganic (mg/L) acute TVS 0.019 0.005	Chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) e an e meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 7/1 - 9/30 norganic (mg/L) acute TVS 0.019 0.005	WL chronic 5.0 18* 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) en meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 r/11 - 9/30 corganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) e an e meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 7/1 - 9/30 100 TVS 0.019 0.005 10 100 TVS 100 TV	WL chronic 5.0 18* 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) en meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 7/1 - 9/30 norganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) en meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 7/1 - 9/30 norganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) en meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 7/1 - 9/30 norganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	
COSPCH02 Classifications Designation Agriculture Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: *chlorophyll a (ug/L)(chronic) = Season measured in the upper three the water column for the months of July th September with an exceedance frequency	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) en meters of rough of once in Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 7/1 - 9/30 norganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 18* 126 Chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS

3. Mainstem of	o		n				
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		A
	Recreation E Water Supply	5.0 (#)	acute	chronic	Arsenic	340	0.02-10(T) A
Qualifiers:	water Suppry	D.O. (mg/L)		5.0	Beryllium	-	
		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	-	WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate	-	WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-	
					Zinc	TVS	TVS
Ia. All tributari Segment 4b.	ies to Cherry Creek, including all wetlar	nds, from the source of East and	West Cherry Creek	s to the conf	fluence with the South Pl	atte River except for s	specific listings in
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E				Arsenic		
			acute	chronic	Alsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)	acute 	chronic 5.0	Beryllium	340	0.02-10(T) A
Qualifiers:	Water Supply	D.O. (mg/L) pH					0.02-10(T) A
	Water Supply			5.0	Beryllium	 TVS	
Qualifiers: Other:	,	рН	6.5 - 9.0	5.0	Beryllium Cadmium		TVS
Other:	(mq/m²)(chronic) = applies only above	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0 150*	Beryllium Cadmium Cadmium	 TVS 5.0(T)	 TVS
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	5.0 150* 126	Beryllium Cadmium Cadmium Chromium III	TVS 5.0(T) 50(T)	TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	 6.5 - 9.0 ic (mg/L)	5.0 150* 126 chronic	Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS 5.0(T) 50(T) TVS	TVS TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	5.0 150* 126	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS 5.0(T) 50(T) TVS	TVS TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	 6.5 - 9.0 ic (mg/L) acute TVS	5.0 150* 126 chronic TVS 0.75	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	 6.5 - 9.0 ic (mg/L) acute TVS 	5.0 150* 126 chronic TVS 0.75 250	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Lead	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS
Other: 'chlorophyll a che facilities lis 'Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	5.0 150* 126 chronic TVS 0.75	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	TVS TVS TVS TVS TVS TVS TVS TVS
Other: *chlorophyll a the facilities lis *Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150* 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Manganese	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS WS TVS WS TVS WS
Other: 'chlorophyll a che facilities lis 'Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150* 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Manganese Mercury	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS WS TVS TVS WS TVS
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	5.0 150* 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS WS TVS WS TVS TVS WS 0.01(t)
Other: chlorophyll a he facilities lis Phosphorus(c	(mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = effective 12/31/2020.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	5.0 150* 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Manganese Mercury	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS WS TVS WS TVS TVS WS

Sulfide

0.002

Selenium

Silver

Uranium Zinc TVS

TVS

TVS

TVS

TVS

TVS

	<u> </u>	etlands, from the source to Cher	Ty Orcck (Coci voil)				
COSPCH04B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
*chlorophyll a the facilities lis	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
*Phosphorus(c	chronic) = effective 12/31/2020.		acute	chronic	Copper	TVS	TVS
	pove the facilities listed at 38.5(4). In the second seco	Ammonia	TVS	TVS	Iron		WS
selenium stand	dards and assessment locations.	Boron		0.75	Lead	TVS	TVS
	onic) = See section 38.6(4)(i) for dards and assessment locations.				Lead	50(T)	
ooloriidin otdik	dand and addedoment locations.	Chloride Chlorine		250 0.011	Manganese	TVS	TVS
			0.019				WS
		Cyanide	0.005		Manganese		
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum		150(T)
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel		100(T)
		Sulfide		0.002	Selenium	varies*	varies*
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
Lakes and re Segments 2 ar	eservoirs in the Cherry Creek system f	rom the source of East and Wes	t Cherry Creeks to t	he confluen	ce with the South Platte I	River, except for speci	fic listings in
_	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL				
			V V L	WL	Aluminum		
	Recreation E		acute	WL			 0.02-10(T) ^A
	Recreation E Water Supply	D.O. (mg/L)		chronic	Arsenic	340	0.02-10(T) A
Qualifiers:		D.O. (mg/L)	acute	chronic 5.0	Arsenic Beryllium	340	
		рН	acute 6.5 - 9.0	chronic 5.0	Arsenic Beryllium Cadmium	340 TVS	TVS
Qualifiers:		pH chlorophyll a (ug/L)	acute 6.5 - 9.0 	5.0 20*	Arsenic Beryllium Cadmium Cadmium	340 TVS 5.0(T)	 TVS
Other: *chlorophyll a	Water Supply (ug/L)(chronic) = applies only above	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 	chronic 5.0	Arsenic Beryllium Cadmium Cadmium Chromium III	340 TVS 5.0(T) 50(T)	TVS TVS
Other: *chlorophyll a the facilities lis	Water Supply (ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes	pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	5.0 20* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	340 TVS 5.0(T) 50(T) TVS	TVS TVS TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute	chronic 5.0 20* 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	340 TVS 5.0(T) 50(T)	TVS TVS TVS TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	Water Supply (ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area.	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 20* 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	340 TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS TVS WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	340 TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	340 TVS 5.0(T) 50(T) TVS TVS TVS	TVS TVS TVS TVS TVS WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	TVS TVS TVS TVS TVS TVS TVS TVS TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.5 0.083*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.5 0.083* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
*chlorophyll a the facilities lis and reservoirs *Phosphorus(c facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.5 0.083* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(c) facilities listed	(ug/L)(chronic) = applies only above ted at 38.5(4), applies only to lakes larger than 25 acres surface area. shronic) = applies only above the at 38.5(4), applies only to lakes and	pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.5 0.083* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

6. Lakes and r	eservoirs in watersheds tributary to	Cherry Creek within the City and County	of Denver.				
COSPCH06	Classifications	Physical and Biolo	gical		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum	-	_
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium	-	
Fish Ingestio	n Standards	рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic (m	g/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	_	1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum	-	150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		_
		Sulfide		0.002	Zinc	TVS	TVS

		Mt. Evans Wilderness a	rea to the inlet	of Everaree	n Lake.			
	Classifications		al and Biologi				Metals (ug/L)	
Designation	Agriculture	_		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			150*	Chromium III	50(T)	TVS
Arsenic(chronic		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
•	e of 12/31/2021					Copper	TVS	TVS
*oblerenbyll a /	(mg/m²)/ahrania) = annliae anly ahaya	Ir	norganic (mg/l	L)		Iron		ws
the facilities lis				acute	chronic	Iron		1000(T)
*Phosphorus(c facilities listed	hronic) = applies only above the	Ammonia		TVS	TVS	Lead	TVS	TVS
raciiities iisteu	at 30.3(+).	Boron			0.75	Lead	50(T)	
		Chloride			250	Manganese	TVS	TVS
		Chlorine		0.019	0.011	Manganese		WS
		Cyanide		0.005		Mercury		0.01(t)
		Nitrate		10		Molybdenum		150(T)
		Nitrite			0.05	Nickel	TVS	TVS
		Phosphorus			0.11*	Nickel		100(T)
		Sulfate			WS	Selenium	TVS	TVS
		Sulfide			0.002	Silver	TVS	TVS(tr)
						Uranium		
						Zinc	TVS	TVS
1b. Mainstem o	of Bear Creek from Harriman Ditch to t	he inlet of Bear Creek Re	servoir.			L		
COSPBE01B	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
	Classifications Agriculture	Physic		cal DM	MWAT		Metals (ug/L)	chronic
Designation		Physic Temperature °C			MWAT CS-II	Aluminum		chronic
Designation	Agriculture Aq Life Cold 2 Recreation E	-	al and Biologi	DM		Aluminum Arsenic	acute	chronic 0.02(T)
Designation Reviewable	Agriculture Aq Life Cold 2	Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II	CS-II		acute	
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II	CS-II	Arsenic	acute 340	 0.02(T)
Designation Reviewable	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II CS-II	CS-II 19.3	Arsenic Beryllium	acute 340	0.02(T)
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C Temperature °C	al and Biologi 11/1 - 3/31	DM CS-II CS-II	CS-II 19.3 chronic	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Designation Reviewable Qualifiers: Water + Fish 5	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Temperature °C Temperature °C D.O. (mg/L)	al and Biologi 11/1 - 3/31	CS-II CS-II acute	CS-II 19.3 chronic 6.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
Designation Reviewable Qualifiers: Water + Fish 5 Other:	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s):	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning)	al and Biologi 11/1 - 3/31	CS-II CS-II acute	CS-II 19.3 chronic 6.0	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s):	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	al and Biologi 11/1 - 3/31	CS-II CS-II acute 6.5 - 9.0	CS-II 19.3 chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	al and Biologi 11/1 - 3/31	CS-II CS-II acute 6.5 - 9.0	CS-II 19.3 chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31	DM CS-II CS-II acute 6.5 - 9.0	CS-II 19.3 chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	DM CS-II CS-II acute 6.5 - 9.0	CS-II 19.3 chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 L)	CS-II 19.3 chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 L) acute	CS-II 19.3 chronic 6.0 7.0 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 L) acute TVS	CS-II 19.3 chronic 6.0 7.0 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 L) acute TVS	CS-II 19.3 chronic 6.0 7.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mc Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 L) acute TVS	CS-II 19.3 chronic 6.0 7.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 TVS 0.019	CS-II 19.3 chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mc Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 TVS 0.019 0.005	CS-II 19.3 chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II 19.3 chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS	
Designation Reviewable Qualifiers: Water + Fish \$ Other: Temporary Mo Arsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	al and Biologi 11/1 - 3/31 4/1 - 10/31	CS-II CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II 19.3 chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	

1c. Bear Cree	k Reservoir.							
COSPBE01C	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		_
	Recreation E	Temperature °C	4/1 - 12/31	CLL	23.3	Arsenic	340	0.02(T)
	Water Supply					Beryllium		_
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Cadmium	5.0(T)	
Temporary M	odification(s):	D.O. (spawning)			7.0	Chromium III	50(T)	TVS
Arsenic(chroni	()	pH		6.5 - 9.0		Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021	chlorophyll a (ug/L)	7/1 - 9/30		12.2*	Copper	TVS	TVS
	ug/L)(chronic) = current	E. Coli (per 100 mL)			126	Iron		WS
condition Phosphorus(cl	hronic) = current					Iron		1000(T)
condition		li li	norganic (mg/l	L)		Lead	TVS	TVS
Expiration Dat	e of 12/31/2020			acute	chronic	Lead	50(T)	
	(ug/L)(chronic) = mean concentration ough collection of samples that are	Ammonia		TVS	TVS	Manganese	TVS	TVS
representative	of the mixed layer during summer	Boron			0.75	Manganese		WS
	August, September) and with an equency of once in five years.	Chloride			250	Mercury		0.01(t)
*Phosphorus(d	chronic) = mean concentration	Chlorine		0.019	0.011	Molybdenum		150(T)
representative	ough collection of samples that are of the mixed layer during summer	Cyanide		0.005		Nickel	TVS	TVS
	August, September) and with an equency of once in five years.	Nitrate		10		Nickel		100(T)
exceedance in	equency of office in five years.	Nitrite			0.05	Selenium	TVS	TVS
		Phosphorus	7/1 - 9/30		22.2*	Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium		
		Sulfide			0.002	Zinc	TVS	TVS

1d. Evergreen	Lake.						
COSPBE01D	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		ws
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite	_	0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate	_	WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

	Classifications	utlet of Evergreen Lake to the Harrimar		ral			Motals (us/L)	
		Physic	al and Biologi	DM	MWAT		Metals (ug/L)	ohronio
Designation Reviewable	Agriculture Ag Life Cold 1	Tomporatura °C	11/1 2/21			Aluminum	acute	chronic
vevie wabie	Recreation E	Temperature °C	11/1 - 3/31 4/1 - 10/31	CS-II	CS-II 19.3		340	0.02(T)
	Water Supply	Temperature °C	4/1 - 10/31	C3-II	19.5	Arsenic		0.02(T)
Qualifiers:	11.7			acute	chronic	Beryllium	T) (C(t-)	T\/C
		D.O. (mg/l.)		acute 	6.0	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)				Cadmium	5.0(T)	T) (O
	odification(s):	D.O. (spawning)		65.00	7.0	Chromium III	50(T)	TVS
Arsenic(chron	· -	pH chlorophyll a (mg/m²)		6.5 - 9.0		Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2021				400	Copper	TVS	TVS
		E. Coli (per 100 mL)			126	Iron		WS
						Iron		1000(T)
		Ir	organic (mg/l	-		Lead	TVS	TVS
				acute	chronic	Lead	50(T)	
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		150(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Nickel		100(T)
		Nitrite			0.05	Selenium	TVS	TVS
		Phosphorus				Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium		
		Sulfide			0.002	Zinc	TVS	TVS
2. Mainstem o	f Bear Creek from the out	Sulfide let of Bear Creek Reservoir to the conf	luence with the			Zinc	TVS	TVS
2. Mainstem o	f Bear Creek from the out	let of Bear Creek Reservoir to the conf	luence with the	South Plate		Zinc	TVS Metals (ug/L)	TVS
	1	let of Bear Creek Reservoir to the conf		South Plate		Zinc		TVS
OSPBE02 Designation	Classifications Agriculture Aq Life Warm 1	let of Bear Creek Reservoir to the conf		e South Plati	e River.	Aluminum	Metals (ug/L)	
OSPBE02 Designation	Agriculture Aq Life Warm 1 Recreation E	let of Bear Creek Reservoir to the conf		e South Platt cal DM	e River.		Metals (ug/L)	chronic
COSPBE02 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	let of Bear Creek Reservoir to the conf		e South Platt cal DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute 	chronic
OSPBE02 Designation Reviewable	Agriculture Aq Life Warm 1 Recreation E	let of Bear Creek Reservoir to the conf Physic Temperature °C		e South Platt cal DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBE02 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	let of Bear Creek Reservoir to the conf Physic Temperature °C D.O. (mg/L)		e South Platt cal DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBE02 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH		DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02(T)
COSPBE02 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02(T) TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Agriculture Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02(T) TVS
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	al and Biologi	e South Platt cal DM WS-II acute 6.5 - 9.0 L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia	al and Biologi	DM WS-II acute 6.5 - 9.0 L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	al and Biologi	DM WS-II acute 6.5 - 9.0 L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride	al and Biologi	DM WS-II acute 6.5 - 9.0 L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine	al and Biologi	e South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide	al and Biologi	e South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS TVS
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	al and Biologi	E South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	al and Biologi	E South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t)
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	al and Biologi	e South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 150(T)
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	al and Biologi	e South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	mwat ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T)
cospbe02 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	al and Biologi	e South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	mwat ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
COSPBE02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	al and Biologi	e South Plate cal DM WS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	mwat ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS

3. All tributaries	s to Bear Creek, including all wetlands	, from the source to the outlet of	Evergreen Lake. E	xcept for spe	ecific listings in Segment	7	
COSPBE03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chronic	* *	E. Coli (per 100 mL)	-	126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
*chlorophyll a ((mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
the facilities list	ted at 38.5(4).		acute	chronic	Iron		1000(T)
*Phosphorus(c facilities listed a	thronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel		TVS
		Phosphorus		0.11*	Nickel	TVS	100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		_
					Zinc	TVS	TVS
4a. All tributarie							
	es to Bear Creek, including all wetland	s, from the outlet of Evergreen L	ake to the confluer	nce with the S	South Platte River, except	t for specific listings in S	Segments 5, 6a,
and 6b.	es to Bear Creek, including all wetland	s, from the outlet of Evergreen L		nce with the S	South Platte River, except	t for specific listings in S Metals (ug/L)	Segments 5, 6a,
and 6b.		T		nce with the S	South Platte River, except		Segments 5, 6a,
and 6b. COSPBE04A Designation	Classifications	T	Biological		South Platte River, except	Metals (ug/L)	
and 6b. COSPBE04A Designation Reviewable	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	
and 6b. COSPBE04A Designation Reviewable	Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-I	MWAT WS-I	Aluminum	Metals (ug/L) acute	chronic
and 6b. COSPBE04A Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-I acute	MWAT WS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
and 6b. COSPBE04A Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-I acute	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
and 6b. COSPBE04A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-I acute	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02(T) TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish 5	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02(T) TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L)	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0 dic (mg/L) acute	MWAT WS-I chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L)	MWAT WS-I chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT WS-I chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-I acute 6.5 - 9.0 lic (mg/L) acute TVS	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT WS-I chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS 50(T)	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS
and 6b. COSPBE04A Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): c) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

4b. Deleted.		
COSPBE04B Classifications	Physical and Biological	Metals (ug/L)
Designation	DM I	MWAT acute chronic
Qualifiers:	acute c	chronic
Other:		
	Inorganic (mg/L)	
	acute c	chronic
4c. Deleted.		
COSPBE04C Classifications	Physical and Biological	Metals (ug/L)
Designation	DM I	MWAT acute chronic
Qualifiers:	acute c	chronic
Other:		
	Inorganic (mg/L)	
	acute c	chronic

	Sawinii, Houbiesonie, and Cold Opi	ings Gulches, and mainstem of 0	Cub Creek from the	source to th	e confluence with Bear Ci	reek.	
COSPBE05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation /	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
F	Recreation E		acute	chronic	Arsenic	340	0.02(T)
V	Water Supply	D.O. (mg/L)	_	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish S	tandards	pH	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Temporary Mod	dification(s):	E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS
Arsenic(chronic					Copper	TVS	TVS
Expiration Date	•	Inorgani	c (mg/L)		Iron		WS
*chlorophyll a (r	mg/m²)(chronic) = applies only above	_	acute	chronic	Iron		1000(T)
the facilities liste	ed at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
*Phosphorus(ch facilities listed a	nronic) = applies only above the	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
6a. Turkey Cree	ek system, including all tributaries and	wetlands, from the source to the	inlet of Bear Cree	k Reservoir,	except for specific listings	s in Segment 6b.	
COSPBE06A					<u> </u>		
	Classifications	Physical and	Biological	· · · · · · · · · · · · · · · · · · ·		Metals (ug/L)	
	Agriculture	Physical and	Biological DM	MWAT			chronic
Designation A		Physical and Temperature °C			Aluminum	Metals (ug/L)	chronic
Designation /	Agriculture Aq Life Cold 2 Recreation E		DM	MWAT		Metals (ug/L)	chronic 0.02(T)
Designation / Reviewable /	Agriculture Aq Life Cold 2		DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	-
Designation Reviewable F Qualifiers:	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	 0.02(T)
Designation / Reviewable /	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C D.O. (mg/L)	DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	 0.02(T)
Designation Reviewable F Qualifiers:	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	0.02(T) TVS
Designation Reviewable Qualifiers: Water + Fish S	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
Designation Reviewable Qualifiers: Water + Fish S Other:	Agriculture Aq Life Cold 2 Recreation E Water Supply standards dification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod	Agriculture Aq Life Cold 2 Recreation E Water Supply standards dification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date	Agriculture Aq Life Cold 2 Recreation E Water Supply standards dification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste	Agriculture Aq Life Cold 2 Recreation E Water Supply standards dification(s):) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4).	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	DM	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	CS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	
Designation Reviewable Qualifiers: Water + Fish S Other: Temporary Mod Arsenic(chronic Expiration Date *chlorophyll a (r the facilities liste *Phosphorus(ch	Agriculture Aq Life Cold 2 Recreation E Water Supply Itandards dification(s): a) = hybrid of 12/31/2021 mg/m²)(chronic) = applies only above ed at 38.5(4). Intronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	

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	Classifications	Physical and		B#1477		Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E Water Supply		acute	chronic	Arsenic	340	0.02(T)
Qualifiers:	Water Suppry	D.O. (mg/L)		6.0	Beryllium		-
		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
emporary M	lodification(s):	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
rsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
xpiration Dat	te of 12/31/2021				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Uranium Zinc	TVS	TVS
7. Mainstem a	and all tributaries to Bear Creek, incl	uding wetlands, within the Mt. Evan	s Wilderness Area.			TVS	TVS
7. Mainstem a	and all tributaries to Bear Creek, incl	uding wetlands, within the Mt. Evan Physical and				TVS Metals (ug/L)	TVS
OSPBE07				MWAT			TVS
OSPBE07 Designation	Classifications Agriculture Aq Life Cold 1		Biological	MWAT CS-I		Metals (ug/L)	
OSPBE07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM		Zinc	Metals (ug/L)	chronic
OSPBE07 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	CS-I	Zinc	Metals (ug/L) acute	chronic
COSPBE07 Designation DW	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-I acute	CS-I chronic	Zinc Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T)
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	chronic
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospbe of designation oww	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	Chronic
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S US 1000(T) TVS US 0.01(t) 150(T) TVS 100(T) TVS
COSPBE07 Designation DW Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS

		m the sources to the boundary of					
COSPBE08	Classifications	Physical and B				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		-
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8	Chromium III	50(T)	TVS
and reservoirs	larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Copper	TVS	TVS
		Inorganio	(mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
i		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
i		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	reservoirs in the Bear Creek system fro			the inlet of l	Evergreen Lake; include T		
COSPBE09	Classifications	Physical and B	lological				
D ! 4!	Ai 14		DM	BANA/AT		Metals (ug/L)	-11-
Designation	Agriculture	Tamparatura °C	DM	MWAT	Alumaiauma	acute	chronic
Designation Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	acute	
	Aq Life Cold 1 Recreation E	·	CL acute	CL chronic	Arsenic	acute 340	 0.02(T)
Reviewable	Aq Life Cold 1	D.O. (mg/L)	CL acute 	CL chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)
Reviewable Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CL acute 	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
Reviewable	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
Reviewable Qualifiers: Other: *chlorophyll a	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers: Other: *chlorophyll a the facilities lis	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	D.O. (mg/L) D.O. (spawning) pH	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(o	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(continuous)(continuous	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	CL acute 6.5 - 9.0 c (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	CL acute 6.5 - 9.0 c (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	CL acute 6.5 - 9.0 TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	CL acute 6.5 - 9.0 t (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	CL acute 6.5 - 9.0 s (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(cfacilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	CL acute 6.5 - 9.0 8 (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(continuous)(continuous	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	CL acute 6.5 - 9.0 * (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CL acute 6.5 - 9.0 t (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(controlled) facilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(cfacilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CL acute 6.5 - 9.0 8 (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(cfacilities listed	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs *Phosphorus(control facilities listed)	Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes larger than 25 acres surface area. chronic) = applies only above the at 38.5(4), applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CL acute 6.5 - 9.0 8 (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

esignation		Physical and	Metals (ug/L)				
Designation Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Vater + Fish	Standards	рН	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005	_	Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		_
					Zinc	TVS	TVS
1. Lakes and cludes Soda		system from the outlet of Evergreen Lake	to the confluence v	vith the Sout	h Platte River, except as	specified in Segments	1c, 10, and 12
OSPBE11	Classifications	Physical and	Biological			Metals (ug/L)	

COSPBE11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		-
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Standards	chlorophyll a (ug/L)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Temporary M	odification(s):	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Arsenic(chroni	ic) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride	-	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite	-	0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

COSPBE12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	-	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	pH	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron	_	WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	_	
					Zinc	TVS	TVS

COSPCL01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	_	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chron	()	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2021				Copper	TVS	TVS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
the facilities lis	sted at 38.5(4).		acute	chronic	Iron		1000(T)
	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Lead	TVS	TVS
facilities listed	chronic) = applies only above the at 38.5(4).	Boron		0.75	Lead	50(T)	
		Chloride	_	250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate	_	WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

2a. Mainstem of Clear Creek, including all tributaries and wetlands, from the I-70 bridge above Silver Plume to a point just above the confluence with West Fork Clear Creek, except for specific listings in Segments 3a and 3b.

COSPCL02A	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
Zinc(chronic) =	= 353	Inorganio	(mg/L)		Iron		WS
Zinc(acute) = 5	586		acute	chronic	Iron		1000(T)
Expiration Date	e of 7/1/2020	Ammonia	TVS	TVS	Lead	TVS	TVS
	(mg/m²)(chronic) = applies only above	Boron		0.75	Lead	50(T)	
the facilities lis	* *	Chloride		250	Manganese	TVS	TVS
	9/30/00 Baseline does not apply chronic) = applies only above the	Chlorine	0.019	0.011	Manganese		WS
facilities listed	at 38.5(4).	Cyanide	0.005		Mercury		0.01(t)
, ,	0.978e^(0.8537[In(hardness)]+1.9467)	Nitrate	10		Molybdenum		150(T)
*Zinc(chronic) 0.986e^(0.853	= 7[In(hardness)]+1.8032)	Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

COSPCL02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
*chlorophyll a the facilities lis	(mg/m^2) (chronic) = applies only above ted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	9/30/00 Baseline does not apply				Copper	TVS	TVS
*Phosphorus(c facilities listed	hronic) = applies only above the	Inorgan	ic (mg/L)		Iron		WS
raciiitics iistea	at 56.5(+).		acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury	_	0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

2c. Mainstem of Clear Creek, including all tributaries and wetlands, from a point just below the confluence with Mill Creek to a point just above the Argo Tunnel discharge, except for specific listings in Segments 9a, 9b, and 10. COSPCL02C Classifications Metals (ug/L) Physical and Biological Designation Agriculture **MWAT** DM chronic acute Reviewable* Aq Life Cold 1 Temperature °C CS-I CS-I Aluminum Recreation E acute chronic Arsenic 340 0.02(T) Water Supply 6.0 D.O. (mg/L) Beryllium Qualifiers: D.O. (spawning) ---7.0 Cadmium TVS(tr) TVS 6.5 - 9.0 Other: рΗ Cadmium 5.0(T) chlorophyll a (mg/m²) 150* Chromium III 50(T) TVS Temporary Modification(s): E. Coli (per 100 mL) 126 Chromium VI TVS TVS Arsenic(chronic) = hybrid Copper TVS TVS Expiration Date of 12/31/2021 WS Cadmium(chronic) = current condition Inorganic (mg/L) Iron Copper(chronic) = current condition 1000(T) acute chronic Iron Expiration Date of 7/1/2020 Ammonia TVS **TVS** Lead TVS TVS *chlorophyll a (mg/m²)(chronic) = applies only above 0.75 Lead 50(T) ---Boron the facilities listed at 38.5(4). TVS TVS Chloride 250 Manganese *Designation: 9/30/00 Baseline does not apply ws 0.011 Manganese Chlorine 0.019 *Phosphorus(chronic) = applies only above the facilities listed at 38.5(4). 0.01(t)0.005 Mercury Cyanide *Zinc(acute) = 0.978e^(0.8537[ln(hardness)]+1.9467) Molybdenum 150(T) Nitrate 10 *Zinc(chronic) = TVS TVS 0.05 Nickel Nitrite 0.986e (0.8537[ln(hardness)]+1.8032) Phosphorus 0.11* Nickel 100(T) Sulfate ws Selenium TVS TVS

Sulfide

0.002

Silver

Zinc

Uranium Zinc **TVS**

SSE*

TVS(tr)

SSE*

COSPCL03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	e of 12/31/2021				Copper	TVS	TVS
	2/02/02 P	Inorgar	nic (mg/L)		Iron		WS
•	0/30/00 Baseline does not apply 0.978e^(0.8537[ln(hardness)]+1.9467)		acute	chronic	Iron		1000(T)
Zinc(acute) = Zinc(chronic)	, , ,	Ammonia	TVS	TVS	Lead	TVS	TVS
	7[In(hardness)]+1.8032)	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

COSPCL03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) ^A
	Water Supply	D.O. (mg/L)		6.0	Arsenic	50(T)	
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	
•	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
*Zinc(acute) = *Zinc(chronic)	0.978e^(0.8537[In(hardness)]+1.9467)				Chromium VI	TVS	TVS
	- 7[In(hardness)]+1.8032)	Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride	-	250	Lead	50(T)	
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Manganese		WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite	-	0.05	Molybdenum		150(T)
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel		100(T)
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

COSPCL04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
*Designation:	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		210(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

COSPCL05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Cadmium	5.0(T)	
Γemporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chron	, ,	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
xpiration Dat	te of 12/31/2021				Copper	TVS	TVS
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgani	ic (mg/L)		Iron		WS
he facilitiés lis	sted at 38.5(4).		acute	chronic	Iron		1000(T)
Phosphorus(acilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
Manganese(chronic) = 393 ug/L at the mouth of	Boron		0.75	Lead	50(T)	
ivest Fork, se assessment lo	e section 38.6(4)(j) for manganese ocations.	Chloride		250	Manganese		393*
	chronic) = 1480 ug/L below Woods ection 38.6(4)(j) for manganese	Chlorine	0.019	0.011	Manganese		1480*
ssessment lo		Cyanide	0.005		Manganese	TVS	TVS
, ,	e^(0.8404[ln(hardness)]+1.8810)	Nitrate	10		Mercury		0.01(t)
Zinc(chronic)	= e^(08404[In(hardness)]+1.5127)	Nitrite		0.05	Molybdenum		210(T)
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel		100(T)
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		
					Zinc		SSE*
					Zinc	SSE*	

COSPCL06	Classifications	Physical a	nd Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
*Designation:	9/30/00 Baseline does not ap	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorg	janic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
7a. Mainstem	of Woods Creek from the out	et of Upper Urad Reservoir to the conf	luence with West Fork	Clear Creek			
COSPCL07A	Classifications	Physical a	nd Biological			Metals (ug/L)	
Designation	Aq Life Cold 2		DM	MWAT		acute	chronic
UP	Recreation N	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:			acute	chronic	Arsenic	340	150
Other:		D.O. (mg/L)	-	6.0	Beryllium		
Temporary M	odification(s):	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Cadmium(chro	onic) = current condition	рН	6.5 - 9.0		Chromium III	TVS	TVS
Copper(ac/ch)	= current condition	chlorophyll a (mg/m²)			Chromium VI	TVS	TVS
Iron(chronic) =	current condition	E. Coli (per 100 mL)	-	630	Copper	TVS	TVS
Lead(chronic)	= current condition				Iron		1000(T)
Mercury(chror	nic) = current condition	Inorg	janic (mg/L)		Lead	TVS	TVS
•) = current condition		acute	chronic	Manganese	TVS	TVS
` ') = current condition	Ammonia	TVS	TVS	Mercury		0.01(t)
condition	•	/1 - 11/30 Boron			Molybdenum		
temperature(D	0M/MWAT) = current	4/1 - 5/31 Chloride			Nickel	TVS	TVS
	current condition	Chlorine	0.019	0.011	Selenium	TVS	TVS
` ,	e of 6/30/2023	Cyanide	0.005		Silver	TVS	TVS(tr)
		Nitrate			Uranium		
		Nitrite	_	0.05	Zinc	TVS	TVS
		Phosphorus		0.11			
		Sulfate					

	d Reservoir							
COSPCL07B	Classifications		Physical and	l Biological			Metals (ug/L)	
	Aq Life Cold 2			DM	MWAT		acute	chronic
UP	Recreation N		Temperature °C	CL	CL	Aluminum		
Qualifiers:	ı			acute	chronic	Arsenic	340	150
Other:			D.O. (mg/L)		6.0	Beryllium		-
	dification(a)		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):		рН	6.5 - 9.0		Chromium III	TVS	TVS
,	= current condition		chlorophyll a (ug/L)			Chromium VI	TVS	TVS
,	current condition		E. Coli (per 100 mL)		630	Copper	TVS	TVS
	= current condition					Iron		1000(T)
	ic) = current condition		Inorga	nic (mg/L)		Lead	TVS	TVS
• `) = current condition		9	acute	chronic	Manganese	TVS	TVS
Silver(chronic)	= current condition		Ammonia	TVS	TVS	Mercury		0.01(t)
	M/MWAT) = current	10/1 - 11/30				Molybdenum		
condition temperature(D	M/MWAT) = current	4/1 - 5/31	Chloride			Nickel	TVS	TVS
condition	,		Chlorine	0.019	0.011	Selenium	TVS	TVS
, ,	current condition		Cyanide	0.005		Silver	TVS	TVS(tr)
Expiration Date	e of 6/30/2023		Nitrate			Uranium		
			Nitrite		0.05	Zinc	TVS	TVS
					0.03	Zino	170	1 40
			Phosphorus Sulfate					
			Sulfide					
8 Mainstem of	Lion Creek from the sou	rce to the con	fluence with West Fork Clear C		0.002			
	Classifications	ice to the con	Physical and				Metals (ug/L)	
	Aq Life Cold 2		,					
				DM	MWAT			chronic
	Recreation E		Temperature °C			Aluminum	acute	chronic
Qualifiers:			Temperature °C	CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	acute	
			Temperature °C D.O. (mg/L)	CS-I	CS-I	Arsenic	acute	
Qualifiers: Other:				CS-I acute	CS-I chronic		acute 	
			D.O. (mg/L) D.O. (spawning)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	acute 	
			D.O. (mg/L) D.O. (spawning) pH	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 3.0-9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute	
			D.O. (mg/L) D.O. (spawning) pH	CS-I acute 3.0-9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 3.0-9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 3.0-9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute	
			D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 3.0-9.0 nic (mg/L) acute	CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute	

	of Fall River, including all tributaries ar	ia wellande, nom the ecuree to the					
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	-
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
-	e of 12/31/2021				Copper	TVS	TVS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
the facilities lis			acute	chronic	Iron		1000(T)
_	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Lead	TVS	TVS
*Pnospnorus(c	chronic) = applies only above the at 38.5(4).	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
9b. Mainstem	of Trail Creek, including all tributaries a	and wetlands from the source to	the confluence with	Clear Creek			
	Classifications	Physical and	Biological				
		 				Metals (ug/L)	
	Agriculture	-	DM	MWAT		Metals (ug/L)	chronic
Designation Reviewable*	Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Aluminum	acute	
	Aq Life Cold 1 Recreation E	Temperature °C	DM	CS-I chronic	Aluminum Arsenic	acute	
Reviewable*	Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I	CS-I chronic 6.0		acute 340 	
	Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	CS-I chronic	Arsenic Beryllium Cadmium	acute 340	 0.02(T)
Reviewable*	Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	CS-I chronic 6.0 7.0	Arsenic Beryllium	acute 340 	 0.02(T) TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	0.02(T) TVS TVS TVS TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-I acute 6.5 - 9.0 Ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 51 TVS 51 TVS 51 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPCL10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	te of 12/31/2021				Copper	TVS	TVS
-	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
	sted at 38.5(4).		acute	chronic	Iron		1000(T)
•	9/30/00 Baseline does not apply	Ammonia	TVS	TVS	Lead	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the	Boron		0.75	Lead	50(T)	
domineo noted	4.66.5(1).	Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		Camac		0.002	Uranium		
					Zinc	TVS	TVS
11. Mainstem	of Clear Creek from a point just above the	ne Argo Tunnel discharge to the	Farmers Highline (Canal divers	ion in Golden, Colorad	0.	
	of Clear Creek from a point just above the Classifications	ne Argo Tunnel discharge to the Physical and		Canal divers	on in Golden, Colorad	o. Metals (ug/L)	
11. Mainstem COSPCL11 Designation		1		Canal divers	ion in Golden, Colorad		chronic
COSPCL11	Classifications	1	Biological		on in Golden, Colorad	Metals (ug/L)	chronic
COSPCL11 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic 0.02(T)
COSPCL11 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	
COSPCL11 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	
COSPCL11 Designation JP Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	 0.02(T)
COSPCL11 Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	 0.02(T)
COSPCL11 Designation JP Qualifiers: Other: Femporary M	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
COSPCL11 Designation JP Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	0.02(T) TVS TVS
COSPCL11 Designation JP Qualifiers: Other: Temporary Marsenic(chron Expiration Date emperature(Designation and Date emperature(Designation)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Qualifiers: Designation Qualifiers: Other: Temporary Marsenic(chron Expiration Date emperature(Expondition*	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS 17
Qualifiers: Designation Qualifiers: Other: Temporary Marsenic(chron Expiration Date emperature(Expondition*	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 cute cute	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	
COSPCL11 Designation JP Qualifiers: Other: Temporary Marsenic(chron Expiration Date emperature(Expondition* Expiration Date Zinc(acute) =	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[in(hardness)]+1.9467)	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	
Qualifiers: Other: Temporary Marsenic(chron Expiration Date emperature(Disondition* Expiration Date expirati	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[ln(hardness)]+1.9467)	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Emporary Marsenic(chrone Expiration Date emperature(Exondition* Expiration Date of Exp	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[ln(hardness)]+1.9467) = 87[ln(hardness)]+1.8032) emperature = from a point just	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T)	
Qualifiers: Other: Temporary Marsenic(chron expiration Date emperature(Dondition* expiration Date expiration	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[ln(hardness)]+1.9467) = 87[ln(hardness)]+1.8032)	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS TVS	
Qualifiers: Other: Temporary Marsenic(chrone) Expiration Date (chrone)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS 17 WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary Marsenic(chrone) Expiration Date (chrone)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS TVS TVS	
Qualifiers: Other: Temporary Marsenic(chrone) Expiration Date emperature(Dondition* Expiration Date of Expir	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS	
Qualifiers: Other: Temporary Marsenic(chron expiration Date emperature(Dondition* expiration Date expiration	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	
Qualifiers: Other: Temporary Marsenic(chrone) Expiration Date emperature(Dondition* Expiration Date of Expir	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	
Qualifiers: Other: Temporary Marsenic(chron expiration Date emperature(Dondition* expiration Date expiration	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS 17 WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS TVS(tr)
Qualifiers: Other: Temporary Marsenic(chron expiration Date emperature(Exondition* expiration Date zinc(acute) = Zinc(chronic) expiration Date zinc(chronic) expiration Date zinc(chronic) expiration zinc(chronic) expirat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 DM/MWAT) = current te of 6/30/2019 = 0.978e^(0.8537[In(hardness)]+1.9467) = 12/31/2021 Emperature = from a point just of the US 6 Bridge to the Farmers	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS 17 WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

Segments 12b		Discrete at a set	Distantant			N4 - 4 - 1 - 4 //)	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E Water Supply		acute	chronic	Arsenic	340	0.02-10(T)
Ovelifiere	water Suppry	D.O. (mg/L)	-	6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	_
chlorophyll a	(mg/m²)(chronic) = applies only above	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
the facilities lis	ted at 38.5(4).	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
•	9/30/00 Baseline does not apply				Copper	TVS	TVS
*Pnospnorus(c	chronic) = applies only above the at 38.5(4).	Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride	-	250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
12b. Beaver B	rook from the source to Highway 40.						
COSPCL12B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*							CHIOTIC
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Aq Life Cold 1 Recreation E	Temperature °C	CS-I acute	CS-I chronic	Aluminum Arsenic		0.02
	·	Temperature °C D.O. (mg/L)					
Qualifiers:	Recreation E	·	acute	chronic	Arsenic	340	
Qualifiers:	Recreation E	D.O. (mg/L)	acute 	chronic 6.0	Arsenic Beryllium	 340 	0.02
-	Recreation E	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Beryllium Cadmium	340 TVS(tr)	0.02 TVS
Other:	Recreation E	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Cadmium	 340 TVS(tr) 5.0(T)	 0.02 TVS
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	 340 TVS(tr) 5.0(T) 50(T)	 0.02 TVS TVS
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS(tr) 5.0(T) 5VS	 0.02 TVS TVS TVS
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	 340 TVS(tr) 5.0(T) 50(T) TVS	
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 150 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead		0.02 TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury		0.02 TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium		

13a. Mainstem of North Clear Creek, including all tributaries and wetlands, from its source to its confluence with Chase Gulch, and Four Mile Gulch, including all tributaries and wetlands, from their sources to their confluence with North Clear Creek and Eureka Gulch, including all tributaries and wetlands, from its source to its confluence with Gregory Gulch.

COSPCL13A	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable*	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	6.0	Beryllium	-	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	_
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chroni	()	E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021				Copper	TVS	TVS
*Designation	0/20/00 Deceling dags not apply	Inorganic	(mg/L)		Iron	_	ws
Designation.	9/30/00 Baseline does not apply		acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	-	_
					Zinc	TVS	TVS

13b. Mainstem of North Clear Creek including all tributaries and wetlands from a point just below the confluence with Chase Gulch to the confluence with Clear Creek, except for the specific listings in Segment 13a.

COSPCL13B	Classifications	Physical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		6.0	Beryllium		_
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	pH	6.5 - 9.0		Chromium III	TVS	TVS
Cadmium(chro	` '	chlorophyll a (mg/m²)		150*	Chromium III		100(T)
,	e of 12/31/2018	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	M/MWAT) = current				Copper		64
condition Expiration Date	e of 12/31/2020	Inorganic (n	ng/L)		Iron		5400(T)
•			acute	chronic	Lead	TVS	TVS
the facilities lis	(mg/m ²)(chronic) = applies only above ted at 38.5(4).	Ammonia	TVS	TVS	Manganese	TVS	TVS
*Phosphorus(c) facilities listed	hronic) = applies only above the	Boron		0.75	Mercury		0.01(t)
raciiilles listeu	at 30.5(4).	Chloride			Molybdenum		150(T)
		Chlorine	0.019	0.011	Nickel	TVS	TVS
		Cyanide	0.005		Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS(tr)
		Nitrite		0.05	Uranium		
		Phosphorus		0.11*	Zinc		740
		Sulfate					
		Sulfide		0.002			

COSPCL14A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	_	DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Temporary M	odification(s):	E. Coli (per 100 mL)		630	Chromium III	50(T)	TVS
Arsenic(chroni	* *	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
	e of 12/31/2021		acute	chronic	Copper	TVS	TVS
temperature(D	M/MWAT) = current	Ammonia	TVS	TVS	Iron		WS
condition	a of 6/20/2040	Boron		0.75	Iron		1000(T
Expiration Dat	e of 6/30/2019	Chloride		250	Lead	TVS	TVS
*Zinc(acute) = effect ratio).	TVS x (times) the FWER (final water	Chlorine	0.019	0.011	Lead	50(T)	
Expiration date		Cyanide	0.005		Manganese	TVS	244
'Zinc(chronic) water effect ra	= TVS x (times) the FWER (final tio).	Nitrate	10		Mercury		0.01(t
Expiration date		Nitrite		0.5	Molybdenum		150(T
		Phosphorus			Nickel	TVS	TVS
		Sulfate		WS	Nickel		100(T
		Sulfide		0.002	Selenium	TVS	TVS
		Cumac		0.002	Silver	TVS	TVS
					Uranium		
					0.0		
4b. Mainsten	n of Clear Creek from the Denver Wate	er conduit #16 crossing to a point	just below Youngfi	ield Street in	Zinc Wheat Ridge, Colorado	TVSx1.57*	TVSx1.57
COSPCL14B	Classifications	er conduit #16 crossing to a point Physical and	Biological			o. Metals (ug/L)	TVSx1.57
COSPCL14B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Wheat Ridge, Colorado	o. Metals (ug/L) acute	chroni
COSPCL14B	Classifications Agriculture Aq Life Warm 2		Biological DM WS-II	MWAT WS-II	Wheat Ridge, Colorado	o. Metals (ug/L) acute	chroni
COSPCL14B Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Wheat Ridge, Colorado Aluminum Arsenic	o. Metals (ug/L) acute	chroni 0.02(T
COSPCL14B Designation	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Wheat Ridge, Colorado Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chroni 0.02(T
COSPCL14B Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium	o. Metals (ug/L) acute 340 TVS	chroni 0.02(T
COSPCL14B Designation JP Qualifiers: Water + Fish	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Cadmium	0. Metals (ug/L) acute 340 TVS 5.0(T)	chroni 0.02(T TVS
COSPCL14B Designation JP Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	0. Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02(T TVS
COSPCL14B Designation JP Qualifiers: Water + Fish Other: Femporary Me	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 126	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	0. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chroni 0.02(T TVS TVS
COSPCL14B Designation JP Qualifiers: Water + Fish Other: Temporary Memperature(D	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T TVS TVS TVS
COSPCL14B Designation UP Qualifiers: Water + Fish Other: Temporary Memperature(Desordition	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chroni 0.02(T TV\$ TV\$ TV\$
Qualifiers: Nater + Fish Other: Temporary Memperature(Decondition Dates)	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chroni 0.02(T TVS TVS VS VS 1000(T
Qualifiers: Water + Fish Other: Cemporary Memperature(Demodition Expiration Date 2 Zinc(acute) = effect ratio).	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	Chroni 0.02(T TVS TVS TVS WS 1000(T
Qualifiers: Water + Fish Other: Temporary Memorature(Decondition Expiration Date of the perfect ratio). Expiration date of the condition of	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	0. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	Chroni 0.02(T TV\$ TV\$ TV\$ TV\$ TV\$
Qualifiers: Nater + Fish Other: Temporary Me emperature(De condition Expiration Dat Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TV\$ TV\$ V\$ 1000(T TV\$ 24-
Qualifiers: Nater + Fish Other: Temporary Meemperature(Decondition Date Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury	0. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	Chroni 0.02(T TVS TVS TVS TVS 1000(T TVS 24-
COSPCL14B Designation JP Qualifiers: Water + Fish Other: Demperature(Disondition Expiration Dat Zinc(acute) = Effect ratio). Expiration date Zinc(chronic) water effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TVS TVS TVS TVS 4000(T TVS 244 0.01(t
Qualifiers: Nater + Fish Other: Temporary Me emperature(De condition Expiration Dat Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TVS TVS TVS 1000(T TVS 24 0.01(t 150(T
Qualifiers: Nater + Fish Other: Temporary Meemperature(Decondition Date Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TV8 TV8 TV8 1000(T TV8 24 0.01(i 150(T TV8
Qualifiers: Nater + Fish Other: Temporary Me emperature(De condition Expiration Dat Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TVS TVS TVS 1000(T TVS 24- 0.01(t 150(T TVS 100(T
Qualifiers: Nater + Fish Other: Temporary Me condition Expiration Dat Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TVS TVS TVS 1000(T TVS 24- 0.01(t 150(T TVS 100(T
Qualifiers: Nater + Fish Other: Temporary Me emperature(De condition Expiration Dat Zinc(acute) = effect ratio). Expiration date Zinc(chronic) vater effect ra	Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply Standards odification(s): M/MWAT) = current e of 6/30/2019 TVS x (times) the FWER (final water e of 12/31/20. = TVS x (times) the FWER (final tio).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Wheat Ridge, Colorado Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	D. Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chroni 0.02(T TVS TVS TVS TVS 4000(T TVS 244 0.01(t

15. Mainstem o	of Clear Creek from Youngfield Street	in Wheat Ridge, Colorado, to the co	ntiuence with th	ie South Plat	tte River.		
	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1*	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	-
Temporary Mo	dification(s):	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Arsenic(chronic	* /	Inorganic (r	ng/L)		Chromium VI	TVS	TVS
Expiration Date	of 12/31/2021		acute	chronic	Copper	TVS	TVS
	M/MWAT) = current	Ammonia	TVS	TVS	Iron		ws
condition Expiration Date	of 6/30/2019	Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
	Aquatic life warm 1 goal qualifier.	Chlorine	0.019	0.011	Lead	50(T)	
effect ratio).	TVS x (times) the FWER (final water	Cyanide	0.005		Manganese	TVS	TVS
Expiration date *Zinc(chronic) =	of 12/31/20. = TVS x (times) the FWER (final	Nitrate	10		Manganese		WS
water effect rat	io).	Nitrite		0.5	Mercury	-	0.01(t)
Expiration date	of 12/31/20.	Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVSx1.57*	TVSx1.57*
	of Lena Gulch including all tributaries			Grove Reserv	voir.		
COSPCL16A	Classifications	and wetlands from its source to the Physical and Biol	ogical		voir.	Metals (ug/L)	
COSPCL16A Designation	Classifications Agriculture	Physical and Bio	ogical DM	MWAT		acute	chronic
COSPCL16A Designation UP	Classifications Agriculture Aq Life Warm 2		ogical DM WS-II	MWAT WS-II	Aluminum	acute	
COSPCL16A Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio	ogical DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	acute 340	chronic 0.02-10(T) ^A
COSPCL16A Designation UP	Classifications Agriculture Aq Life Warm 2	Physical and Biol Temperature °C D.O. (mg/L)	Ogical DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium	acute 340 	 0.02-10(T) ^A
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH	ogical DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS	 0.02-10(T) ^A
COSPCL16A Designation UP	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Ogical DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium	acute 340 TVS 5.0(T)	 0.02-10(T) A TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ogical DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS 5.0(T) 50(T)	 0.02-10(T) A TVS TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	ogical DM WS-II acute 6.5 - 9.0 ng/L)	MWAT WS-II chronic 5.0 150 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS 5.0(T) 50(T) TVS	0.02-10(T) A TVS TVS TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute	MWAT WS-II chronic 5.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS WS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron	ogical DM WS-II acute 6.5 - 9.0 mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T)
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS 0.019	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide	ogical DM WS-II acute 6.5 - 9.0 mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.17	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute 6.5 - 9.0 ng/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.17 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Biol Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	ogical DM WS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.17	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute 6.5 - 9.0 TyS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.17 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute 6.5 - 9.0 TyS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.17 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPCL16A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ogical DM WS-II acute 6.5 - 9.0 TyS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.17 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPCL16B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		-
		Sulfide		0.002	Zinc	TVS	TVS
17a. Arvada R	eservoir.	<u> </u>					
COSPCL17A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CLL	CLL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:	04	рН	6.5 - 9.0		Cadmium	5.0(T)	
Water + Fish	Standards	chlorophyll a (ug/L)		8	Chromium III	50(T)	TVS
Other:		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron	-	WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
				0.000	Silver	TVS	TVS(tr)
		Sulfide		0.002	- Cilvoi		
		Sulfide		0.002	Uranium	-	

COSPCL17B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		_
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		-
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards	рН	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni					Copper	TVS	TVS
Expiration Dat	e of 12/31/2021	Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
18a. Mainsterr	n of Ralston Creek, includin	g all tributaries and wetlands, from the outlet	t of Arvada Reservo	oir to the cor			TVS
	n of Ralston Creek, including	g all tributaries and wetlands, from the outlet Physical and		oir to the cor			TVS
		-		oir to the cor			TVS
COSPCL18A	Classifications	-	Biological			Metals (ug/L)	chronic
COSPCL18A Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and	Biological DM	MWAT	fluence with Clear Creek.	Metals (ug/L)	chronic
COSPCL18A Designation	Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	MWAT WS-II	fluence with Clear Creek. Aluminum	Metals (ug/L) acute	chronic
COSPCL18A Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	fluence with Clear Creek. Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COSPCL18A Designation	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	fluence with Clear Creek. Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02-10(T) A
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02-10(T) A TVS
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02-10(T) A TVS
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02-10(T) A TVS TVS
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 150 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02-10(T) A TVS TVS TVS
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	chronic 0.02-10(T)
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) f TVS TVS TVS TVS WS 1000(T)
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS	Chronic 0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	chronic 0.02-10(T) / TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	Chronic 0.02-10(T)
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02-10(T) // TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02-10(T) // TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 510(T) TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02-10(T) // TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPCL18A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02-10(T) // TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T)
COSPCL18A Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

					T		
COSPCL18B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium	-	
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury	-	0.01(t)
		Phosphorus		0.17	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
19. All tributari	es to Clear Creek, including v	wetlands, within the Mt. Evans Wilderness	Area.		I		
COSPCL19	Classifications	Physical and	Biological			Metals (ug/L)	
Designation							
	Agriculture		DM	MWAT		acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	MWAT CS-I	Aluminum	acute 	chronic
	-	Temperature °C			Aluminum Arsenic	acute 340	chronic 0.02(T)
	Aq Life Cold 1	Temperature °C D.O. (mg/L)	CS-I	CS-I			
)W	Aq Life Cold 1 Recreation E	·	CS-I	CS-I chronic	Arsenic	 340	 0.02(T)
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L)	CS-I acute	CS-I chronic 6.0	Arsenic Beryllium	 340 	0.02(T)
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning)	CS-I acute 	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium	 340 TVS(tr)	0.02(T)
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	 340 TVS(tr) 5.0(T)	 0.02(T) TVS
Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III	 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 ic (mg/L) acute	CS-I chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel		0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
OW Qualifiers:	Aq Life Cold 1 Recreation E	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS

COSPCL20		hat are within the boundary of th	ie ivit. Evans vylider	ness Area.			
	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (ug/L)		8*	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Copper	TVS	TVS
reservoirs rang	ger than 25 acres surface area.	Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025*	Nickel		100(T)
		Sulfate		250	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	I reservoirs in the Clear Creek system f	rom sources to the Farmer's Hig	hline Canal diversion	on in Golden,	CO, except as specifie	d in Segments 7, 20, 22	and 25. Upper
Long Lake. COSPCL21	Classifications	Dhysical and					
Designation		Pilysical allu	Biological			Metals (ug/L)	
	Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
Reviewable*	Agriculture Aq Life Cold 1	Temperature °C		MWAT CL	Aluminum		chronic
	- ~	-	DM		Aluminum Arsenic	acute	chronic 0.02(T)
	Aq Life Cold 1	-	DM CL	CL		acute	
	Aq Life Cold 1 Recreation E	Temperature °C	DM CL acute	CL	Arsenic	acute 340	
Reviewable*	Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CL acute	CL chronic 6.0	Arsenic Beryllium	acute 340	0.02(T)
Reviewable* Qualifiers: Other:	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL acute 	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Reviewable* Qualifiers: Other: Temporary M	Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
Reviewable* Qualifiers: Other: Temporary M Arsenic(chron	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
Reviewable* Qualifiers: Other: Temporary M Arsenic(chron Expiration Date	Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Reviewable* Qualifiers: Other: Temporary M Arsenic(chron expiration Date of the chorophyll a	Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable* Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation:	Aq Life Cold 1 Recreation E Water Supply lodification(s): sic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. 9/30/00 Baseline does not apply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 ic (mg/L)	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): sic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. 9/30/00 Baseline does not apply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CL acute 6.5 - 9.0 ic (mg/L)	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 510(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *chlorophyll a and reservoirs *Designation: *Phosphorus(Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2021 (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 9/30/00 Baseline does not apply chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

22. Lakes and	reservoirs in the North Clear Creek dra	ainage from a point just below	the confidence with t	Jilase Gulcii	to the confidence with c	oleai Gleek.		
COSPCL22	Classifications	Physical and	d Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable*	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum			
	Recreation E		acute	chronic	Arsenic	340	7.6(T)	
Qualifiers:		D.O. (mg/L)		6.0	Beryllium			
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS	
		рН	6.5 - 9.0		Chromium III	TVS	TVS	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III		100(T)	
	9/30/00 Baseline does not apply	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS	
	chronic) = applies only to lakes and per than 25 acres surface area.				Copper	TVS	TVS	
reservoirs raig	er man 25 acres surface area.	Inorga	nic (mg/L)		Iron		1000(T)	
			acute	chronic	Lead	TVS	TVS	
		Ammonia	TVS	TVS	Manganese	TVS	TVS	
		Boron		0.75	Mercury		0.01(t)	
		Chloride			Molybdenum		150(T)	
		Chlorine	0.019	0.011	Nickel	TVS	TVS	
		Cyanide	0.005		Selenium	TVS	TVS	
		Nitrate	100		Silver	TVS	TVS(tr)	
		Nitrite		0.05	Uranium			
		Phosphorus		0.025*	Zinc	TVS	TVS	
		Sulfate						
		Sulfide		0.002				
23. Ralston Re	eservoir	T						
COSPCL23	Classifications	Physical and Biological			Metals (ug/L)			
.		1 Hysical and	u Biologicai			Metals (ug/L)		
	Agriculture	rnysicaran	DM	MWAT		Metals (ug/L)	chronic	
Designation Reviewable	Agriculture Aq Life Cold 2	Temperature °C	DM CLL	CLL	Aluminum	acute		
	Agriculture Aq Life Cold 2 Recreation U	Temperature °C	DM	CLL	Arsenic	acute	chronic 0.02(T)	
Reviewable	Agriculture Aq Life Cold 2 Recreation U Water Supply	Temperature °C D.O. (mg/L)	DM CLL acute 	CLL chronic 6.0	Arsenic Beryllium	acute 340 	0.02(T)	
Reviewable	Agriculture Aq Life Cold 2 Recreation U	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CLL acute 	CLL	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T)	
Reviewable Qualifiers:	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CLL acute 	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS	
Reviewable Qualifiers: Water + Fish	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS	
Reviewable Qualifiers:	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS TVS	
Qualifiers: Water + Fish =	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	0.02(T) TVS TVS TVS TVS	
Qualifiers: Water + Fish: Other: *chlorophyll a and reservoirs	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(d	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0	CLL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(d	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CLL acute 6.5 - 9.0 	CLL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(d	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron	DM CLL acute 6.5 - 9.0 	CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(d	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	DM CLL acute 6.5 - 9.0 unic (mg/L) acute TVS	CLL chronic 6.0 7.0 8* 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(d	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron	DM CLL acute 6.5 - 9.0 unic (mg/L) acute TVS 0.019	CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride	DM CLL acute 6.5 - 9.0 nnic (mg/L) acute TVS 	CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CLL acute 6.5 - 9.0 unic (mg/L) acute TVS 0.019	CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CLL acute 6.5 - 9.0 Inic (mg/L) acute TVS 0.019 0.005	CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CLL acute 6.5 - 9.0 sinic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CLL acute 6.5 - 9.0 snic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS	
Qualifiers: Water + Fish: Other: *chlorophyll a and reservoirs *Phosphorus(d	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CLL acute 6.5 - 9.0 nnic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS	
Qualifiers: Water + Fish : Other: *chlorophyll a and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 2 Recreation U Water Supply DUWS Standards (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CLL acute 6.5 - 9.0 Inic (mg/L) acute TVS 0.019 0.005 10	CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS	

	ments 17a, 21 and 23.					South Platte River, exc	ept for specific
COSPCL24	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation U		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		_
	DUWS*	pH	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (ug/L)		20*	Cadmium	5.0(T)	_
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Temporary Mo	odification(s):	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Date	e of 12/31/2021	Ammonia	TVS	TVS	Iron		WS
*chlorophyll a	(ug/L)(chronic) = applies only above	Boron		0.75	Iron		1000(T)
the facilities lis	sted at 38.5(4), applies only to lakes	Chloride		250	Lead	TVS	TVS
	larger than 25 acres surface area. DUWS applies to Maple Grove	Chlorine	0.019	0.011	Lead	50(T)	
Reservoir only		Cyanide	0.005		Manganese	TVS	TVS
facilities listed	chronic) = applies only above the at 38.5(4), applies only to lakes and	Nitrate	10		Manganese		WS
reservoirs large	er than 25 acres surface area.	Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.083*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
25. Guanella F	Reservoir (near Town of Empire, 39.75	8,-105.700)			T-		
COSPCL25	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)	_	6.0	Beryllium	-	_
Other:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
*	(/ \/_bi_\) = ====li=====b4= leli==	pH	6.5 - 9.0		Chromium III	TVS	TVS
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III		100(T)
*Phosphorus(c	chronic) = applies only to lakes and						TVS
roconvoire large	, ,,	E. Coli (per 100 mL)		126	Chromium VI	TVS	
reservoirs large	er than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium VI Copper	TVS TVS	TVS
reservoirs large	, ,,	E. Coli (per 100 mL)		126			
reservoirs larg	, ,,	,		126	Copper	TVS	TVS
reservoirs larg	, ,,	,	c (mg/L)		Copper Iron	TVS 	TVS 1000(T)
reservoirs larg	, ,,	Inorgani	c (mg/L) acute	chronic	Copper Iron Lead	TVS TVS	TVS 1000(T) TVS
reservoirs larg	, ,,	Inorganio	c (mg/L) acute TVS	chronic TVS	Copper Iron Lead Manganese	TVS TVS TVS	TVS 1000(T) TVS TVS
reservoirs larg	, ,,	Inorganio Ammonia Boron	c (mg/L) acute TVS	chronic TVS 0.75	Copper Iron Lead Manganese Mercury	TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t)
reservoirs larg	, ,,	Inorganio Ammonia Boron Chloride	c (mg/L) acute TVS	chronic TVS 0.75	Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t)
reservoirs larg	, ,,	Inorganio Ammonia Boron Chloride Chlorine	c (mg/L) acute TVS 0.019	chronic TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) TVS
reservoirs larg	, ,,	Inorganio Ammonia Boron Chloride Chlorine Cyanide	c (mg/L) acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) TVS TVS
reservoirs larg	, ,,	Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate	c (mg/L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) TVS TVS
reservoirs larg	, ,,	Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	c (mg/L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.05	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) TVS TVS TVS TVS TVS
reservoirs larg	, ,,	Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	c (mg/L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.05 0.025*	Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000(T) TVS TVS 0.01(t) TVS TVS TVS TVS TVS

	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
P	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	100(T)
ualifiers:		D.O. (mg/L)	_	5.0	Beryllium		100(T)
ther:		pН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above ted at 38.5(4).	E. Coli (per 100 mL)		205	Chromium III		100(T)
hosphorus(d	chronic) = applies only above the	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
icilities listed Selenium(acu	at 38.5(4). ite) = 19.1 ug/L from 11/1 - 3/31		acute	chronic	Copper	TVS	TVS
VS from 4/1 -	· 10/31.	Ammonia	TVS	TVS	Iron		1000(T)
	on 38.6(4)(d). onic) = 15 ug/L from 11/1 - 3/31	Boron		0.75	Lead	TVS	TVS
4 ug/L from 4	4/1 - 10/31. on 38.6(4)(d).	Chloride	_		Manganese	TVS	TVS
erer to decire	30.0(+)(u).	Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		4.5	Selenium		varies*
		Phosphorus		0.17*	Selenium	varies*	
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
		Suinde		0.002	Zinc	TVS	TVS
					Ziilo	170	1 40
. Standley La	ko						
	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture	,	DM	MWAT		acute	chronic
eviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		4.0
	DUWS	pH	6.5 - 9.0		Cadmium	TVS	TVS
ualifiers:		chlorophyll a (ug/L)		4.0*	Cadmium	5.0(T)	
ther:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		,		.20	Chromium VI	TVS	TVS
	(ug/L)(chronic) = The trophic status of	illorgal	nic (mg/L)	chronic	Copper	TVS	TVS
tandiey Lake s measured b	shall be maintained as mesotrophic by a combination of common indicator	A	acute		Iron	170	ws
arameters su	ch as total phosphorus, chlorophyll a,	Ammonia	TVS	TVS			
ection 38.6(4	and dissolved oxygen. Refer to)(e).	Boron		0.75	Iron	 TVC	1000(T)
	nic) = 3(t) Picocuries/Liter. See 2 for additional standards for	Chloride		250	Lead	TVS	TVS
egment 2.	2 for additional standards for	Chlorine	0.019	0.011	Lead	50(T)	T. (0
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite	-	0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		3(t)*

Great West	ern Reservoir.						
COSPBD03	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		100(T)
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III		100(T)
	onic) = 4(t) Picocuries/Liter. See 2 for additional standards for segment	Inorganic ((mg/L)		Chromium VI	TVS	TVS
3.	-		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		2.7	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		4(t)*
		Sulfide		0.002	Zinc	TVS	TVS
4a. Mainstem	and all tributaries to Woman and Walnu	I ut Creeks from sources to Standley	Lake and Great	Western Re	I servoir except for specific	listings in Segments	4b and 5.
	Classifications	Physical and Bio				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		4.0
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
	onic) = See attached table 2 for address for segment 4a.	Inorganic	mg/L)		Chromium VI	TVS	TVS
	ŭ	-	acute	chronic	Copper	TVS	TVS
				CITIOTIC			
		Ammonia	TVS	TVS	Iron		1000(T)
		Ammonia Boron			Iron Lead	 TVS	1000(T) TVS
			TVS	TVS			
		Boron	TVS 	TVS 0.75	Lead	TVS	TVS
		Boron Chloride	TVS 	TVS 0.75	Lead Lead	TVS 50(T)	TVS
		Boron Chloride Chlorine	TVS 0.019	TVS 0.75 0.011	Lead Lead Manganese	TVS 50(T) TVS	TVS TVS
		Boron Chloride Chlorine Cyanide	TVS 0.019 0.005	TVS 0.75 0.011	Lead Lead Manganese Mercury	TVS 50(T) TVS 	TVS TVS 0.01(t)
		Boron Chloride Chlorine Cyanide Nitrate	TVS 0.019 0.005 10	TVS 0.75 0.011 	Lead Lead Manganese Mercury Molybdenum	TVS 50(T) TVS 	TVS TVS 0.01(t) 150(T)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	TVS 0.019 0.005 10	TVS 0.75 0.011 0.5	Lead Lead Manganese Mercury Molybdenum Nickel	TVS 50(T) TVS TVS	TVS TVS 0.01(t) 150(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	TVS 0.019 0.005 10	TVS 0.75 0.011 0.5 0.17	Lead Lead Manganese Mercury Molybdenum Nickel Nickel	TVS 50(T) TVS TVS	TVS TVS 0.01(t) 150(T) TVS 100(T)
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	TVS 0.019 0.005 10	TVS 0.75 0.011 0.5 0.17	Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS 50(T) TVS TVS TVS	TVS TVS 0.01(t) 150(T) TVS 100(T) TVS

COSPBD04B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium	_	4.0
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		205	Chromium III	50(T)	TVS
	onic) = See attached table 2 for address for segment 4b.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
	-		acute	chronic	Copper	TVS	TVS
		Ammonia			Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Lead	50(T)	
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Nickel		100(T)
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
							40.000
					Uranium		16.8(t)*
	ut Creek from the western edge of t ary of the Central Operable Unit an	he Central Operable Unit and South d Pond C-2 on Woman Creek.	Walnut Creek from	ı its source, i	Zinc	TVS	TVS
astern bound	ary of the Central Operable Unit an Classifications		Biological		Zinc	TVS akes, reservoirs and w Metals (ug/L)	TVS retlands, to the
eastern bound COSPBD05 Designation	ary of the Central Operable Unit an Classifications Agriculture	d Pond C-2 on Woman Creek. Physical and I	Biological DM	MWAT	Zinc ncluding all tributaries, la	TVS akes, reservoirs and w Metals (ug/L) acute	TVS
astern bound OSPBD05 Designation	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2	d Pond C-2 on Woman Creek. Physical and I Temperature °C	Biological DM WL	MWAT WL	Zinc ncluding all tributaries, la	TVS akes, reservoirs and w Metals (ug/L) acute	TVS retlands, to the
eastern bound COSPBD05 Designation	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N	d Pond C-2 on Woman Creek. Physical and I	Biological DM	MWAT	Zinc ncluding all tributaries, la Aluminum Arsenic	TVS akes, reservoirs and w Metals (ug/L) acute 340	TVS retlands, to the chronic 0.02-10(T)
eastern bound COSPBD05 Designation	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2	d Pond C-2 on Woman Creek. Physical and I Temperature °C	Biological DM WL WS-II	MWAT WL WS-II	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium	TVS akes, reservoirs and w Metals (ug/L) acute 340	chronic 0.02-10(T)
cospension of the cospension o	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N	Temperature °C Temperature °C	Biological DM WL WS-II	MWAT WL WS-II	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS	TVS retlands, to the chronic 0.02-10(T)
astern bound COSPBD05 Designation UP	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N	Temperature °C Temperature °C D.O. (mg/L)	DM WL WS-II acute	MWAT WL WS-II chronic 5.0	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Cadmium	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T)	retlands, to the chronic 0.02-10(T) 4.0 TVS
cospedition Cospe	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	Temperature °C Temperature °C Temperature °C Temperature °C	Biological DM WL WS-II	MWAT WL WS-II chronic 5.0	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02-10(T) 4.0 TVS TVS
cospedition Cospe	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	Temperature °C Temperature °C Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WL WS-II acute 6.5 - 9.0	MWAT WL WS-II chronic 5.0	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02-10(T) 4.0 TVS TVS TVS
astern bound COSPBD05 Designation UP Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WL WS-II acute 6.5 - 9.0	MWAT WL WS-II chronic 5.0	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) 4.0 TVS TVS TVS TVS
astern bound COSPBD05 Designation UP Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WL WS-II chronic 5.0 630	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS TVS 1000(T)
astern bound COSPBD05 Designation P Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WL WS-II chronic 5.0 630 chronic	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS	TVS retlands, to the chronic 0.02-10(T) // 4.0 TVS TVS TVS TVS TVS 1000(T) TVS
astern bound COSPBD05 Designation P Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WL WS-II chronic 5.0 630 chronic	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	TVS retlands, to the chronic 0.02-10(T) // 4.0 TVS TVS TVS TVS TVS 1000(T) TVS
astern bound COSPBD05 Designation P Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WL WS-II chronic 5.0 630 chronic 0.75	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS 1000(T) TVS TVS
astern bound COSPBD05 Designation P Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WL WS-II chronic 5.0 630 chronic 0.75	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Mercury	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t)
cospedition Cospe	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.019	MWAT WL WS-II chronic 5.0 630 chronic 0.75 0.011	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Mercury Molybdenum	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS	TVS retlands, to the chronic 0.02-10(T) // 4.0 TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
eastern bound COSPBD05 Designation JP Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.019 0.005	MWAT WL WS-II chronic 5.0 630 chronic 0.75 0.011	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Mercury Molybdenum Nickel	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
cospedition Cospe	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.019 0.005 10	MWAT WL WS-II chronic 5.0 630 chronic 0.75 0.011	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
cospedition Cospe	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Cyanide Nitrate Nitrite	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.019 0.005 10	MWAT WL WS-II chronic 5.0 630 chronic 0.75 0.011 0.5	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 510(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS 100(T) TVS
cospension bound COSPBD05 Designation JP Qualifiers: Other: Uranium(chro	ary of the Central Operable Unit an Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WL WS-II acute 6.5 - 9.0 ic (mg/L) acute 0.019 0.005 10	MWAT WL WS-II chronic 5.0 630 chronic 0.75 0.011	Zinc ncluding all tributaries, la Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel	TVS akes, reservoirs and w Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS retlands, to the chronic 0.02-10(T) 4.0 TVS TVS TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS

	Dry Creek and South Upper Big Dry Cr						
COSPBD06	Classifications	Physical ar	ıd Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		630	Chromium III	50(T)	TVS
		Inorg	anic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		ws
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
7 Lakes and r		f th t- th					
1. Lakes and i	reservoirs in the Big Dry Creek system	from the source to the conflue	nce with the South Pl	atte River, ex	cept for specific listir	ngs in Segments 2, 3, and	5.
COSPBD07	Classifications		d Biological	atte River, ex	cept for specific listir	ngs in Segments 2, 3, and Metals (ug/L)	5.
				atte River, ex	cept for specific listing		chronic
COSPBD07	Classifications Agriculture Aq Life Warm 2		d Biological		Aluminum	Metals (ug/L)	chronic
COSPBD07 Designation	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical an	d Biological	MWAT		Metals (ug/L)	chronic
COSPBD07 Designation Reviewable	Classifications Agriculture Aq Life Warm 2	Physical an	d Biological DM WL	MWAT WL	Aluminum	Metals (ug/L) acute	chronic
COSPBD07 Designation	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C	d Biological DM WL acute	MWAT WL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02-10(T) ^A
COSPBD07 Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C D.O. (mg/L)	d Biological DM WL acute	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02-10(T) A 100(T)
COSPBD07 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply	Physical and Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02-10(T) A 100(T) TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 20*	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02-10(T) A 100(T) TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 20*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02-10(T) A 100(T) TVS TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 anic (mg/L)	MWAT WL chronic 5.0 20* 205	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 anic (mg/L) acute	MWAT WL chronic 5.0 20* 205 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg:	DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS	MWAT WL chronic 5.0 20* 205 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS WS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga	DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS WS 1000(T)
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg. Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS WS 1000(T) TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg: Ammonia Boron Chloride Chlorine	d Biological DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS WS 1000(T) TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorga Ammonia Boron Chloride Chlorine Cyanide	d Biological DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg: Ammonia Boron Chloride Chlorine Cyanide Nitrate	material distribution of the state of the st	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg: Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005 10	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorg: Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	d Biological DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005 10	MWAT WL chronic 5.0 20* 205 chronic TVS 0.75 250 0.011 0.5 0.083*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgion Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	d Biological DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005 10	MWAT WL chronic 5.0 20* 205 Chronic TVS 0.75 250 0.011 0.5 0.083* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgion Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	d Biological DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005 10	MWAT WL chronic 5.0 20* 205 Chronic TVS 0.75 250 0.011 0.5 0.083* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	Chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPBD07 Designation Reviewable Qualifiers: Other: *chlorophyll a the facilities lis and reservoirs* *Phosphorus(facilities listed	Classifications Agriculture Aq Life Warm 2 Recreation P Water Supply (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgion Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	d Biological DM WL acute 6.5 - 9.0 anic (mg/L) acute TVS 0.019 0.005 10	MWAT WL chronic 5.0 20* 205 Chronic TVS 0.75 250 0.011 0.5 0.083* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A 100(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPBO01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	Modification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chror	. ,	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
`	te of 12/31/2021				Copper	TVS	TVS
•		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	_	
					Zinc	TVS	TVS

COSPBO02A	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg	/L)		Iron		ws
the facilities lis	ited at 38.5(4).		acute	chronic	Iron		1000(T)
*Pnospnorus(c	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

	h South Boulder Creek. Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture	, ,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:	1	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Temporary Mo		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	•	L. Coll (per 100 IIIL)		120		TVS	TVS
Expiration Date	e of 12/31/2021				Copper		
	(mg/m^2) (chronic) = applies only above	Inorgan			Iron		WS 4000(T)
	ted at 38.5(4). chronic) = applies only above the		acute	chronic	Iron		1000(T)
facilities listed	at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride	-	250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
3. Mainstem of	f Middle Boulder Creek, including all tril	outaries and wetlands, from the	source to the outlet	of Barker R	eservoir, except for spec	ific listings in Segment 1	
COSPBO03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	ndification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	e of 12/31/2021				Copper	TVS	TVS
·		Inorgani	ic (mg/L)		Iron		WS
	(mg/m^2) (chronic) = applies only above ted at 38.5(4).		acute	chronic	Iron		1000(T)
	chronic) = applies only above the	Ammonia	TVS	TVS	Lead	TVS	TVS
	at 38.5(4).	Boron		0.75	Lead	50(T)	
acilities listed				250	Manganese	TVS	TVS
acilities listed		Chlorida		230	Manganese		WS
acilities listed		Chlorine	0.010	0.011	i manuance		VVO
acilities listed		Chlorine	0.019	0.011	-		0.01(+)
acilities listed		Chlorine Cyanide	0.005		Mercury	_	0.01(t)
acilities listed		Chlorine Cyanide Nitrate	0.005 10		Mercury Molybdenum		150(T)
acilities listed		Chlorine Cyanide Nitrate Nitrite	0.005	0.05	Mercury Molybdenum Nickel	TVS	150(T) TVS
icilities listed		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.005 10	0.05 0.11*	Mercury Molybdenum Nickel Nickel	 TVS 	150(T) TVS 100(T)
icilities listed		Chlorine Cyanide Nitrate Nitrite	0.005 10 	0.05	Mercury Molybdenum Nickel	TVS	150(T) TVS
acilities listed		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.005 10 	0.05 0.11*	Mercury Molybdenum Nickel Nickel	 TVS 	150(T) TVS 100(T)
acilities listed		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 	 0.05 0.11*	Mercury Molybdenum Nickel Nickel Selenium	 TVS TVS	150(T) TVS 100(T) TVS

	of South Boulder Creek, including all th	butaries and wetlands, from the se	ource to the outlet	of Gross Re	eservoir e xcept for specif	ic listings in Segment 1	<u>- </u>
COSPBO04A	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chronic		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
		Inorganic	(mg/L)		Iron		ws
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	100(T)
		Phosphorus		0.11	Nickel		TVS
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	of South Boulder Creek, including all tri	ibutaries and wetlands, from the o	utlet of Gross Res	servoir to Sou	uth Boulder Road, except	t for specific listings in S	Segments 4c and
4d.	of South Boulder Creek, including all tri	ibutaries and wetlands, from the o		servoir to Sou	uth Boulder Road, except	t for specific listings in S Metals (ug/L)	Segments 4c and
4d. COSPBO04B		· 		MWAT	uth Boulder Road, except		Segments 4c and
4d. COSPBO04B Designation	Classifications	· 	iological		uth Boulder Road, except	Metals (ug/L)	
4d. COSPBO04B Designation Reviewable	Classifications Agriculture	Physical and B	iological DM	MWAT		Metals (ug/L)	
4d. COSPBO04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and B	iological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	chronic
4d. COSPBO04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
4d. COSPBO04B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L)	DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
4d. COSPBO04B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning)	iological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T) TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (the facilities list	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): c) = hybrid e of 12/31/2021 tmg/m²)(chronic) = applies only above ted at 38.5(4).	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (the facilities list	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0 (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	DM CS-II acute 6.5 - 9.0 (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM CS-II acute (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM CS-II acute (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM CS-II acute (mg/L) acute TVS (0.019	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute (6.5 - 9.0 TVS CO.019 0.005 10 10 CS-II	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute (6.5 - 9.0 TVS (0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute (6.5 - 9.0 (mg/L) acute TVS (0.019 0.005 10 ((((((MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T)
4d. COSPBO04B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (i) the facilities list *Phosphorus(cl)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply diffication(s): c) = hybrid e of 12/31/2021 img/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPBOU4C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	-
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	_	WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury	_	0.01(t)
		Phosphorus		0.17	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-	
					Zinc	TVS	TVS
	1	nmediately downstream of the Davidson D		ce with South	h Boulder Creek.		
COSPBO04D		Physical and	Biological				
	-	, , , , , ,				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Designation	Agriculture Aq Life Warm 2	Temperature °C	DM WS-II	WS-II	Aluminum	acute	
Designation	Agriculture Aq Life Warm 2 Recreation E	Temperature °C	DM WS-II acute	WS-II chronic	Arsenic	acute 340	-
Designation JP	Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L)	DM WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	acute 340 	0.02-10(T) A
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	-
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS 5.0(T)	0.02-10(T) A TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS 5.0(T)	 0.02-10(T) A TVS TVS
Designation UP Qualifiers: Other:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 ic (mg/L)	WS-II chronic 5.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS 5.0(T) 50(T) TVS	0.02-10(T) A TVS TVS TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	WS-II chronic 5.0 150 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-II chronic 5.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-II chronic 5.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02-10(T)
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 	WS-II chronic 5.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02-10(T) / TVS TVS TVS TVS WS 1000(T) TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02-10(T) / TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02-10(T) / TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	0.02-10(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS 50(T) TVS	0.02-10(T) // TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS	0.02-10(T) // TVS TVS TVS TVS TVS TVS USS 1000(T) TVS USS 0.01(t) 150(T) TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
Designation JP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS
Designation UP Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

Mainstem o	of South Boulder Creek from South E						
COSPBO05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium	_	_
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Temporary M	lodification(s):	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Arsenic(chroni		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2021		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		ws
		Boron		0.75	Iron		1000(T)
		Chloride	_	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite	-	0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	_	_
					Zinc	TVS	TVS
6 Mainston -							
		s and wetlands, from the source to					
COSPBO06	Classifications	s and wetlands, from the source to Physical and	Biological			Metals (ug/L)	
COSPBO06 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	chronic
COSPBO06	Classifications Agriculture Aq Life Cold 2		Biological DM CS-II	CS-II	Aluminum	acute	
COSPBO06 Designation	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	CS-II chronic	Arsenic	acute 340	 0.02-10(T) ^A
COSPBO06 Designation Reviewable	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	CS-II chronic 6.0	Arsenic Beryllium	acute 340 	0.02-10(T) A
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02-10(T) A TVS
COSPBO06 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02-10(T) A TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T)	 0.02-10(T) A TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02-10(T) A TVS TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS WS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	CS-II chronic 6.0 7.0 150 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T)
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 cic (mg/L) acute TVS 0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T)	0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T)
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 -	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS TVS
COSPBO06 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 -	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPBO07A	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E	Tomporator o	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
	odification(s):	Inorgani		120	Chromium VI	TVS	TVS
Arsenic(chroni	•	morgani	acute	chronic	Copper	TVS	TVS
Expiration Dat	e of 12/31/2021	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
				250	Lead	TVS	TVS
		Chloride Chlorine	0.019	0.011	Lead	50(T)	
					Manganese	TVS	TVS
		Cyanide Nitrate	0.005		Manganese		WS
		Nitrite	10	0.5	Mercury		0.01(t)
		Phosphorus		0.17	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide			Nickel		100(T)
		Sunde		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Oranium		
					Zinc	TVS	TVS
7b. Mainstem	of Coal Creek from Highwa	ay 36 to the confluence with Boulder Creek.			Zinc	TVS	TVS
	of Coal Creek from Highwa	ay 36 to the confluence with Boulder Creek. Physical and I	Biological		Zinc	TVS Metals (ug/L)	TVS
COSPBO07B			Biological DM	MWAT	Zinc		TVS
COSPBO07B Designation	Classifications			MWAT WS-II	Zinc	Metals (ug/L)	
COSPBO07B Designation	Classifications Agriculture	Physical and I	DM			Metals (ug/L)	chronic
COSPBO07B Designation	Classifications Agriculture Aq Life Warm 2	Physical and I	DM WS-II	WS-II	Aluminum	Metals (ug/L) acute	chronic
COSPBO07B Designation Reviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E	DM WS-II acute	WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I	DM WS-II acute	WS-II chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02-10(T) A
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02-10(T) A TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 	WS-II chronic 5.0 	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02-10(T) A TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0 c (mg/L)	WS-II chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02-10(T) A TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-II acute 6.5 - 9.0 	WS-II chronic 5.0 	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02-10(T) A TVS TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	WS-II chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	WS-II chronic 5.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS 1000(T)
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	WS-II chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chronic 0.02-10(T) TVS TVS TVS TVS WS 1000(T) TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable eviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	ws-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02-10(T)
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and I	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	Chronic 0.02-10(T) / TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02-10(T) / TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 510(T) TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02-10(T) // TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
esignation eviewable eviewable	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS	Chronic 0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS
COSPBO07B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and B Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02-10(T) // TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T)

COSPBO08	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
IP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS	TVS
emporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	onic) = current condition	E. Coli (per 100 mL)		126	Chromium III		100(T)
	e of 12/31/2020	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
chlorophyll a	(mg/m ²)(chronic) = applies only above		acute	chronic	Copper	TVS	TVS
he facilities lis	sted at 38.5(4).	Ammonia	TVS	TVS	Iron		1000(T)
Phosphorus(d acilities listed	chronic) = applies only above the at 38.5(4).	Boron		0.75	Iron		
	. ,	Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Manganese		
		Nitrate	100		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum		150(T)
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate			Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
9. Mainstem o	f Boulder Creek from a point immediate	ly above the confluence with So	uth Boulder Creek t	to the conflue	ence with Co al Creek.		
COSPBO09	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic			
				0111 01110	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Arsenic Beryllium	340	0.02(T)
Qualifiers:	Water Supply	D.O. (mg/L) pH	 6.5 - 9.0				0.02(T) TVS
	Water Supply			5.0	Beryllium		_
Other:	Water Supply odification(s):	рН	6.5 - 9.0	5.0	Beryllium Cadmium	TVS	TVS
Other:	odification(s):	pH chlorophyll a (mg/m²)	6.5 - 9.0	5.0	Beryllium Cadmium Cadmium	TVS 5.0(T)	TVS
Other: Temporary Marsenic(chronic	odification(s): ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0	5.0	Beryllium Cadmium Cadmium Chromium III	TVS 5.0(T) 50(T)	TVS TVS
Other: Temporary Marsenic(chronic Expiration Date Experiment)	odification(s): ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 c (mg/L)	5.0 126	Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS 5.0(T) 50(T) TVS	TVS TVS TVS
Other: Temporary Marsenic(chronic expiration Date emperature(Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	6.5 - 9.0 c (mg/L)	5.0 126 chronic	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS 5.0(T) 50(T) TVS	TVS TVS TVS
Other: Temporary Marsenic(chronic expiration Date emperature(Dondition	odification(s): ic) = hybrid te of 12/31/2021	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	6.5 - 9.0 c (mg/L) acute TVS	5.0 126 chronic	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS
Description Date of Condition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 c (mg/L) acute TVS	5.0 126 chronic TVS 0.75	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS
Temporary Moreonic (chronic expiration Date emperature (Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	6.5 - 9.0 c (mg/L) acute TVS	5.0 126 chronic TVS 0.75 250	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 5.0(T) 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS
Temporary Moreonic (chronic expiration Date emperature (Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	6.5 - 9.0 c (mg/L) acute TVS 0.019	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	TVS TVS TVS TVS TVS TVS TVS TVS TVS
emporary Morsenic(chronic xpiration Date properature(Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
emporary Morsenic(chronic xpiration Date emperature(Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	5.0 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ther: emporary Morsenic(chronic) empiration Date emperature(Depondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS TVS S TVS TVS TV
ther: emporary Mersenic(chronic) expiration Date emperature(Depondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS SOLOT(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ther: emporary Mersenic(chronic) expiration Date emperature(Depondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
emporary Morsenic(chronic xpiration Date emperature(Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS 1000(T) TVS TVS TVS 1000(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Temporary Moreonic (chronic expiration Date emperature (Dondition	odification(s): ic) = hybrid te of 12/31/2021 DM/MWAT) = current 12/1 - 2/29	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS S 1000(T) TVS TVS TVS TVS TVS TVS

COSPBO10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Arsenic(chron	* *	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Expiration Dat	re of 12/31/2021		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

^{11.} All tributaries to Boulder Creek, including all wetlands from a point immediately above the confluence with South Boulder Creek to the confluence with St. Vrain Creek, except for specific listings in Segments 5, 7a and 7b.

COSPBO11	Classifications	Physical and Biologi	ical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) ^A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorganic (mg/L)		Chromium VI	TVS	TVS	
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

40 D-l-tl							
12. Deleted.	Classifications	Physical and Biolo	nical			Metals (ug/L)	
		Filysical and Biolo	DM	MWAT		,	chronic
Designation	•		DIVI	IVIVVAI		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorganic (m	g/L)				
			acute	chronic	1		
13. All lakes a	nd reservoirs tributary to Boulder Creek	that are within the boundary of the Ir	ndian Peaks a	nd James Pe	ak Wilderness Areas.		
COSPBO13	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	-	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
ablaranbulla	(ug/l Vahrania) – applica oplyta lakea	chlorophyll a (ug/L)		8	Chromium III	50(T)	TVS
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)	-	126	Chromium VI	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Copper	TVS	TVS
reservoirs raig	er man 20 deres surface drea.	Inorganic (m	g/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		_
					Zinc	TVS	TVS

COSPBO14	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture	-	DM	MWAT		acute	chroni
eviewable	Aq Life Cold 1	Temperature °C	CL,CLL	CL,CLL	Aluminum		
	Recreation E	·	acute	chronic	Arsenic	340	0.02(T
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
	DUWS*	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ualifiers:		рН	6.5 - 9.0	_	Cadmium	5.0(T)	
ther:		chlorophyll a (ug/L)		8*	Chromium III	50(T)	TVS
mnorary N	Modification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	nic) = hybrid				Copper	TVS	TVS
	ate of 12/31/2021	Inorgan	nic (mg/L)		Iron		WS
•			acute	chronic	Iron		1000(T
	a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes	Ammonia	TVS	TVS	Lead	TVS	TVS
	s larger than 25 acres surface area. n: DUWS applies to Lakewood	Boron		0.75	Lead	50(T)	
eservoir onl	ly.	Chloride		250	Manganese	TVS	TVS
	(chronic) = applies only above the d at 38.5(4), applies only to lakes and	Chlorine	0.019	0.011	Manganese		WS
	ger than 25 acres surface area.	Cyanide	0.005		Mercury		0.01(1
		Nitrate	10		Molybdenum		150(T
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025*	Nickel		100(T
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr
		dunde		0.002	Uranium		
	and reservoirs tributary to South Boulde	r Creek from the source to High	way 93. All lakes ai	nd reservoirs	Zinc tributary to Coal Creek fr	TVS om the source to High	
	and reservoirs tributary to South Boulde gs in segments 13 and 18. Classifications	r Creek from the source to High		nd reservoirs			TVS
oecific listing	gs in segments 13 and 18. Classifications	1		nd reservoirs MWAT		om the source to High	nway 93 exce
oecific listing OSPBO15 esignation	gs in segments 13 and 18. Classifications	1	Biological			om the source to High	nway 93 exce
oecific listing OSPBO15 esignation	gs in segments 13 and 18. Classifications Agriculture	Physical and	Biological DM	MWAT	tributary to Coal Creek fr	om the source to High Metals (ug/L) acute	nway 93 exce chron
oecific listing OSPBO15 esignation	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2	Physical and	Biological DM CL	MWAT CL	tributary to Coal Creek fr	om the source to High Metals (ug/L) acute	nway 93 exce chron
oecific listing OSPBO15 esignation	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C	Biological DM CL	MWAT CL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chron - 0.02-10(T
OSPBO15 esignation eviewable	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chron 0.02-10(T
osecific listing OSPBO15 esignation eviewable ualifiers:	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chron 0.02-10(T TV:
OSPBO15 esignation eviewable ualifiers:	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS*	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chron 0.02-10(T TV:
OSPBO15 esignation eviewable ualifiers: ther:	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	metals (ug/L) acute 340 TVS(tr) 5.0(T)	chron 0.02-10(T TV3
OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities l ind reservoir	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chron 0.02-10(T TV3 TV3 TV3
oscific listing OSPBO15 esignation eviewable ualifiers: ther: chlorophyll a e facilities l nd reservoir Classificatio	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies to Kossler Lake only.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chron 0.02-10(T TV3 TV3 TV3 V3
osecific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed classificatio chosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological CL acute 6.5 - 9.0 nic (mg/L)	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) TVS TVS	chron 0.02-10(T TV3 TV3 TV3 W3 1000(T
oscific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed chosphorus cilities listed	gs in segments 13 and 18. Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies to Kossler Lake only. (chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological CL acute 6.5 - 9.0 acute (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	metals (ug/L) acute 340 TVS(tr) 5.0(T) TVS TVS TVS	
pecific listing DSPBO15 Pesignation Period and a series of the series of	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	DM CL acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	chron 0.02-10(T TV3 TV3 TV3 W3 1000(T
pecific listing DSPBO15 Pesignation Period and a series of the series of	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological CL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chron 0.02-10(T TV3 TV3 TV3 1000(T TV3
oscific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed chosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological CL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) TVS TVS TVS TVS TVS 50(T) TVS	Chron 0.02-10(T TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
oscific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed chosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chron 0.02-10(T TV3 TV3 TV3 1000(T TV3 TV3 0.01(1
oscific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed chosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CL acute 6.5 - 9.0 TVS 0.019 0.005	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	Chron 0.02-10(T TV3 TV3 TV3 1000(T TV8 TV8
pecific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed classificatio hosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	TVS TVS 1000(T TVS 0.01(ii
ecific listing DSPBO15 esignation eviewable ualifiers: her: hercolorophyll a e facilities listed hosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological CL acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	TV: 1000(1 TV: 1001(1 TV: 1000(1 TV: 1000(1
pecific listing OSPBO15 esignation eviewable ualifiers: ther: hlorophyll a e facilities listed classificatio hosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	chron 0.02-10(T TV: TV: W 1000(T TV: W 0.01(150(T TV:
osecific listing OSPBO15 esignation eviewable ualifiers: ther: chlorophyll a e facilities listed chosphorus cilities listed	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply DUWS* a (ug/L)(chronic) = applies only above isted at 38.5(4), applies only to lakes s larger than 25 acres surface area. n: DUWS applies only above the dat 38.5(4), applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chror - 0.02-10(- TV - TV - TV - TV - TV - TV - TV - T

tr = trout

D.O. = dissolved oxygen

Zinc

TVS

TVS

COSPBO16	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium	_	
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

17. All lakes and reservoirs tributary to Boulder Creek from a point immediately below the confluence with South Boulder Creek to the confluence with St. Vrain Creek, except as specified in Segments 15 and 16.

COSPBO17	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
	DUWS*	pH	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (ug/L)			Cadmium	5.0(T)	
Water + Fish	Standards	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Other:		Inorganic (r	mg/L)		Chromium VI	TVS	TVS
*Classification	: DUWS applies to Baseline, Marshall,		acute	chronic	Copper	TVS	TVS
	Vaneka Reservoirs only.	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

18. Gross Res	ervior.							
COSPBO18	Classifications	Physi	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		_
	Recreation E	Temperature °C	4/1 - 12/31	CLL	19.4	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
Qualifiers:				acute	chronic	Cadmium	TVS(tr)	TVS
Other:		D.O. (mg/L)			6.0	Cadmium	5.0(T)	_
		D.O. (spawning)			7.0	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	рН		6.5 - 9.0		Chromium VI	TVS	TVS
and reservoirs	larger than 25 acres surface area.	chlorophyll a (ug/L)			8*	Copper	TVS	TVS
	chronic) = applies only above the at 38.5(4), applies only to lakes and	E. Coli (per 100 mL)			126	Iron		WS
reservoirs larg	er than 25 acres surface area.					Iron		1000(T)
			Inorganic (mg/l	L)		Lead	TVS	TVS
				acute	chronic	Lead	50(T)	
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		150(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Nickel		100(T)
		Nitrite			0.05	Selenium	TVS	TVS
		Phosphorus			0.025*	Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium		_
		Sulfide			0.002	Zinc	TVS	TVS

,	s to St. Vrain Creek, including all wetla	nds, which are within the Indian P	eaks Wilderness	Area and Roo	cky Mountain National P	ark.	
	Classifications	Physical and B				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	ndification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chronic		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
-	e of 12/31/2021				Copper	TVS	TVS
		Inorganic	: (mg/L)		Iron		WS
		. 0	acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		Sunde		0.002	Uranium		
					Zinc	TVS	TVS
2a Mainstem o	of St. Vrain Creek, including all tributari	es and wetlands from the bounda	ary of the Indian P	eaks Wilderr			
	posevelt National Forest.						
COSPSV02A	Classifications	Physical and B				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic		
				Cilionic	Aiseilic	340	0.02(T)
l	Water Supply	D.O. (mg/L)		6.0	Beryllium	340	0.02(T)
Qualifiers:	Water Supply	D.O. (mg/L) D.O. (spawning)				340 TVS(tr)	0.02(T) TVS
Qualifiers: Other:	Water Supply			6.0	Beryllium		
		D.O. (spawning)		6.0 7.0	Beryllium Cadmium	TVS(tr)	
Other:	odification(s):	D.O. (spawning) pH	6.5 - 9.0	6.0 7.0 	Beryllium Cadmium Cadmium	 TVS(tr) 5.0(T)	TVS
Other: Temporary Mo	odification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	6.5 - 9.0	6.0 7.0 150*	Beryllium Cadmium Cadmium Chromium III	 TVS(tr) 5.0(T) 50(T)	TVS TVS
Other: Temporary Mo Arsenic(chronic Expiration Date	odification(s): c) = hybrid e of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²)	6.5 - 9.0 	6.0 7.0 150*	Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS(tr) 5.0(T) 50(T) TVS	TVS TVS TVS
Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis	odification(s): c) = hybrid e of 12/31/2021 mg/m²)(chronic) = applies only above ted at 38.5(4).	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	6.0 7.0 150*	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS(tr) 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS
Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	6.0 7.0 150* 126	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	6.5 - 9.0 e (mg/L)	6.0 7.0 150* 126	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS(tr) 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	6.5 - 9.0 * (mg/L) acute TVS	6.0 7.0 150* 126 chronic TVS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS(tr) 5.0(T) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	6.5 - 9.0 s (mg/L) acute TVS	6.0 7.0 150* 126 chronic TVS 0.75	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T)	TVS TVS TVS TVS WS 1000(T) TVS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	6.5 - 9.0 e (mg/L) acute TVS 	6.0 7.0 150* 126 chronic TVS 0.75 250	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	 6.5 - 9.0 e (mg/L) acute TVS 0.019	6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 s (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0 * (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS
Other: Temporary Mo Arsenic(chronic Expiration Date *chlorophyll a (the facilities lis *Phosphorus(c	odification(s): c) = hybrid e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 38.5(4). hronic) = applies only above the	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS TVS TVS TVS

					nal Forest to Hygiene R		
COSPSV02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
*chlorophyll a ((mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
the facilities lis	ted at 38.5(4).		acute	chronic	Iron		1000(T)
*Phosphorus(c facilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
	,	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
3. Mainstem of	f St. Vrain Creek from Hygiene Road to	the confluence with the South F	Platte River.		Zinc	TVS	TVS
	f St. Vrain Creek from Hygiene Road to Classifications	the confluence with the South Physical and			Zinc	TVS Metals (ug/L)	TVS
COSPSV03				MWAT	Zinc		TVS
COSPSV03 Designation	Classifications		Biological	MWAT WS-I	Aluminum	Metals (ug/L)	
COSPSV03 Designation Reviewable	Classifications Agriculture	Physical and	Biological DM			Metals (ug/L)	
COSPSV03 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and	Biological DM WS-I	WS-I	Aluminum	Metals (ug/L) acute	chronic
COSPSV03 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C	Biological DM WS-I acute	WS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 7.6(T)
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-I acute	WS-I chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH	DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6(T) TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0	WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T)
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L)	WS-I chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute	WS-I chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-I chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-I chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-I chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-I chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	WS-I chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 150(T)
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	WS-I chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
COSPSV03 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	WS-I chronic 5.0 126 Chronic TVS 0.75 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS

COSPSV04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	_	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	_
		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
lb. Mainstem	of James Crook including all	I tributaries and wetlands, from the source	to the confluence w	ith Loft Hand	1 Crook		
	1			itti Lett Hand	J OICER.		
	Classifications	Physical and	Biological		oreek.	Metals (ug/L)	
esignation	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	chronic
esignation	Classifications Agriculture Aq Life Cold 1		Biological DM CS-I	MWAT CS-I	Aluminum	acute	-
esignation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	acute 340	 0.02(T)
Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	0.02(T)
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	 0.02(T) TVS
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	0.02(T) TVS
Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Moreonic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: emporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-I acute 6.5 - 9.0 cic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS WS 1000(T)
Designation Reviewable Qualifiers: Other: Temporary Moreonic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS
designation deviewable dualifiers: other: demporary Marsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary Morsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary Morsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
esignation Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
esignation Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	
esignation eviewable ualifiers: ther: emporary Morsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	
esignation Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable Leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	

→c. Maii iSteiff (or Edit Haria Greek, inc	luding all tributaries and wetlands, from a point im-	mountain polon i	no oominacino		ignway oo.	
COSPSV04C	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chroni		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
		Inorganic	(mg/L)		Iron		ws
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	_
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
		Cyanide	0.005		Mercury	_	0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Oranium		
					Zinc	TVS	TVS
5. Mainstem of	f Left Hand Creek, inclu	uding all tributaries and wetlands from Highway 36	to the confluence	e with St. Vra	Zinc	TVS	TVS
5. Mainstem of COSPSV05	f Left Hand Creek, inclu Classifications	uding all tributaries and wetlands from Highway 36 Physical and Bi		e with St. Vra	Zinc	TVS Metals (ug/L)	TVS
	Classifications Agriculture			with St. Vra	Zinc		TVS
COSPSV05	Classifications Agriculture Aq Life Warm 2		ological		Zinc	Metals (ug/L)	chronic
COSPSV05 Designation	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi	ological DM	MWAT	Zinc in Creek.	Metals (ug/L)	
COSPSV05 Designation Reviewable	Classifications Agriculture Aq Life Warm 2	Physical and Bi	ological DM WS-I	MWAT WS-I	Zinc in Creek. Aluminum	Metals (ug/L) acute	chronic
COSPSV05 Designation	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C	ological DM WS-I acute	MWAT WS-I chronic	Zinc in Creek. Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02-10(T) ^A
COSPSV05 Designation Reviewable	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L)	ological DM WS-I acute	MWAT WS-I chronic 5.0	Zinc in Creek. Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02-10(T) A
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02-10(T) A
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	ological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 150	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02-10(T) A TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 150	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02-10(T) A TVS TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ological DM WS-I acute 6.5 - 9.0 (mg/L)	MWAT WS-I chronic 5.0 150 126	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02-10(T) A TVS TVS TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute	MWAT WS-I chronic 5.0 150 126 chronic	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS	MWAT WS-I chronic 5.0 150 126 chronic	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS	MWAT WS-I chronic 5.0 150 126 chronic TVS 0.75	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS WS 1000(T)
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS	MWAT WS-I chronic 5.0 150 126 chronic TVS 0.75 250	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrite	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T)
COSPSV05 Designation Reviewable Qualifiers:	Agriculture Aq Life Warm 2 Recreation E	Physical and Bi Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ological DM WS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	MWAT WS-I chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17 WS	Zinc in Creek. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02-10(T) A TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPSV06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		_	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
7 Davidas Da	nomining Contillated Laft Hand Valley De			0.002	Ziilo	170	170
COSPSV07	servoir, Coot Lake, Left Hand Valley Re Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	r nysicai and	DM	MWAT			chronic
Reviewable	Ag Life Warm 1	Temperature °C	WL	WL	Aluminum	acute 	CHIOTHC
(CVICWabic	Recreation E	Temperature C	acute	chronic			0.02(T)
	Water Supply	D.O. (mg/L.)	acute		Arsenic	340	0.02(T)
	DUWS*	D.O. (mg/L)		5.0	Beryllium		T) (O
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		11 1 1 / // 1					
		chlorophyll a (ug/L)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Other:	lodification(s):	E. Coli (per 100 mL)			Chromium III Chromium VI	50(T) TVS	TVS TVS
Other:		E. Coli (per 100 mL)			Chromium III Chromium VI Copper	50(T)	TVS TVS TVS
Other: Temporary M Arsenic(chron		E. Coli (per 100 mL)	 ic (mg/L)	126	Chromium III Chromium VI	50(T) TVS	TVS TVS TVS WS
Other: emporary Marsenic(chrone) expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia	 ic (mg/L) acute	126	Chromium III Chromium VI Copper	50(T) TVS TVS	TVS TVS TVS WS 1000(T)
Other: Temporary Marsenic(chrone Expiration Date Classification	nic) = hybrid te of 12/31/2021	E. Coli (per 100 mL) Inorgani Ammonia	ic (mg/L) acute TVS	126 chronic TVS	Chromium III Chromium VI Copper Iron	50(T) TVS TVS	TVS TVS TVS WS 1000(T)
Other: Temporary Marsenic(chrone Expiration Date Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Chromium III Chromium VI Copper Iron Iron	50(T) TVS TVS	TVS TVS TVS WS 1000(T)
Other: emporary Marsenic(chrone) expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	ic (mg/L) acute TVS	126 chronic TVS 0.75 250	Chromium III Chromium VI Copper Iron Iron Lead	50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS
Other: emporary Marsenic(chrone) expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Lead	50(T) TVS TVS TVS TVS 50(T)	TVS TVS TVS WS 1000(T) TVS TVS
Other: emporary Marsenic(chrone) expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	50(T) TVS TVS TVS 50(T) TVS	TVS TVS TVS WS 1000(T) TVS TVS WS
Other: Temporary Marsenic(chrone) Expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	50(T) TVS TVS TVS 50(T) TVS	TVS TVS TVS WS
Other: emporary Marsenic(chrone) expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.5	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	50(T) TVS TVS TVS 50(T) TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other: Temporary Marsenic(chrone) Expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.5	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	50(T) TVS TVS TVS 50(T) TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Other: Temporary Marsenic(chrone) Expiration Data Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.5 WS	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Other: Temporary Marsenic(chrone Expiration Date Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.5 WS	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel	50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Other: Temporary Marsenic(chrone Expiration Date Classification	nic) = hybrid te of 12/31/2021 n: DUWS applies to Boulder, Spurgeon	E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.5 WS	Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS

8. All lakes and	d reservoirs tributary to St. Vra	mi creat that are mann the beardary cr					
COSPSV08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgar	nic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		Sulfide		0.002		TVS 	TVS(tr)
		Sulfide		0.002	Silver Uranium Zinc	TVS TVS	TVS(tr) TVS
9. All lakes and	d reservoirs tributary to St. Vra	Sulfide in Creek from sources to Hygiene Road			Uranium Zinc	TVS	
9. All lakes and COSPSV09	d reservoirs tributary to St. Vra		, including Button R		Uranium Zinc	TVS	
	-	in Creek from sources to Hygiene Road	, including Button R		Uranium Zinc	TVS Segment 8.	
COSPSV09	Classifications	in Creek from sources to Hygiene Road	, including Button R Biological	ock Reservoi	Uranium Zinc	TVS Segment 8. Metals (ug/L)	TVS
COSPSV09 Designation	Classifications Agriculture	in Creek from sources to Hygiene Road Physical and	, including Button R Biological DM	ock Reservoi	Uranium Zinc ir, except as specified in S	TVS Segment 8. Metals (ug/L) acute	TVS chronic
COSPSV09 Designation	Classifications Agriculture Aq Life Cold 1	in Creek from sources to Hygiene Road Physical and	, including Button R Biological DM CL,CLL	MWAT CL,CLL	Uranium Zinc ir, except as specified in S Aluminum	TVS Segment 8. Metals (ug/L) acute	TVS chronic
COSPSV09 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C	, including Button R Biological DM CL,CLL acute	MWAT CL,CLL chronic	Uranium Zinc ir, except as specified in S Aluminum Arsenic	TVS Segment 8. Metals (ug/L) acute 340	TVS chronic
COSPSV09 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	, including Button R Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium	TVS Segment 8. Metals (ug/L) acute 340	TVS chronic 0.02(T)
COSPSV09 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	, including Button R Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr)	TVS chronic 0.02(T) TVS
COSPSV09 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH	, including Button R Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T)	TVS chronic 0.02(T) TVS
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	, including Button R Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T)	TVS chronic 0.02(T) TVS TVS
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	, including Button R Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	TVS chronic 0.02(T) TVS TVS TVS
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	, including Button R Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L)	MWAT CL,CLL chronic 6.0 7.0 126	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute	MWAT CL,CLL chronic 6.0 7.0 126 chronic	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T)
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS TV	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 tic (mg/L) acute TVS 0.019 0.005	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T)
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nincluding Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS
COSPSV09 Designation Reviewable Qualifiers: Other: Temporary Me Arsenic(chroni	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	, including Button R Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 WS	Uranium Zinc ir, except as specified in S Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS Segment 8. Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T)

. 5. 7 til lancs a	and reservoirs tributary to Left Hand Cr	eek nom sources to righwa	y 30.				
COSPSV10	Classifications	Physical	and Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	-	6.0	Beryllium		
	DUWS*	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Qualifiers:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (ug/L)		8*	Chromium III	50(T)	TVS
*ablaranbull a	(ug/L)(chronic) = applies only above	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
the facilities lis	sted at 38.5(4), applies only to lakes				Copper	TVS	TVS
	larger than 25 acres surface area. DUWS applies to Joder Reservoir	Ino	rganic (mg/L)		Iron		WS
only.			acute	chronic	Iron		1000(T)
	chronic) = applies only above the at 38.5(4), applies only to lakes and	Ammonia	TVS	TVS	Lead	TVS	TVS
	ger than 25 acres surface area.	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		_
					Zinc	TVS	TVS
11. Barbour Po		1			1		
COSPSV11	Classifications	Physical	and Biological				
		+				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Designation Reviewable	Aq Life Warm 1	Temperature °C	DM WL	WL	Aluminum	acute	
	Aq Life Warm 1 Recreation E		DM WL acute	WL chronic	Arsenic		chronic 0.02(T)
Reviewable	Aq Life Warm 1	D.O. (mg/L)	DM WL acute	WL	Arsenic Beryllium	acute 340	0.02(T)
	Aq Life Warm 1 Recreation E	D.O. (mg/L)	DM WL acute	WL chronic	Arsenic	acute 340	 0.02(T)
Reviewable	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute	WL chronic 5.0 	Arsenic Beryllium	acute 340	 0.02(T) TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L)	DM WL acute	WL chronic 5.0	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS 5.0(T) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0 	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 rganic (mg/L)	WL chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T)	0.02(T) TVS TVS TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 	WL chronic 5.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 rganic (mg/L)	WL chronic 5.0 126 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor	DM WL acute 6.5 - 9.0 ganic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ino Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inot Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ino Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019	WL chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 Trganic (mg/L) acute TVS 0.019 0.005	WL chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inot Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019 0.005 10	Chronic 5.0 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inot Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019 0.005 10	Chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inol Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
Reviewable Qualifiers:	Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inor Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 rganic (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

86

	ind reservoirs tributary to Left Hand Cr	eek from Highway 36 to the confluence	e with St. Vrair	Creek, exce	ept as specified in Segme	nt 7.	
COSPSV12	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Standards	chlorophyll a (ug/L)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorganic (m	g/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		ws
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
	nd reservoirs tributary to St. Vrain Cre	1		uth Platte Riv	ver, except as specified in	Segments 7, 10, 11	and 12.
	Classifications	Physical and Biolo	_			Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:					. ,		
	DUWS*	pH	6.5 - 9.0		Cadmium	TVS	TVS
	DOWS.	chlorophyll a (ug/L)	6.5 - 9.0 		Cadmium Cadmium	TVS 5.0(T)	TVS
Other:	powe.	T'			Cadmium	TVS 5.0(T) 50(T)	TVS TVS
Other:	1	chlorophyll a (ug/L)			Cadmium Cadmium Chromium III Chromium VI	TVS 5.0(T) 50(T) TVS	TVS TVS TVS
Other:	:: DUWS applies to Burch lake only.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m	g/L)	 126 chronic	Cadmium Cadmium Chromium III Chromium VI Copper	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL)	 g/L)	 126	Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS WS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	g/L)	 126 chronic	Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T)
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m	g/L) acute TVS	 126 chronic TVS 0.75 250	Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS 5.0(T) 50(T) TVS TVS TVS	TVS TVS TVS TVS WS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron	g/L) acute TVS	 126 chronic TVS 0.75	Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	TVS TVS TVS TVS WS 1000(T) TVS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride	g/L) acute TVS	 126 chronic TVS 0.75 250	Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine	 g/L) acute TVS 0.019		Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	 g/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate	 g/L) acute TVS 0.019 0.005	 126 chronic TVS 0.75 250 0.011	Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	g/L) acute TVS 0.019 0.005 10		Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	g/L) acute TVS 0.019 0.005 10		Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T)
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	g/L) acute TVS 0.019 0.005 10		Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	g/L) acute TVS 0.019 0.005 10		Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T)
Other:	1	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (m Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	g/L) acute TVS 0.019 0.005 10		Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

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	A Classifications	Physical and				Metals (ug/L)	
Designation JP	Agriculture Ag Life Warm 2	T	DM	MWAT		acute	chronic
JP	Recreation E	Temperature °C	WS-II	WS-II	Aluminum		A
	Water Supply	D.O. (/l.)	acute	chronic	Arsenic	340	0.02(T) A
Qualifiers:	water cappiy	D.O. (mg/L)	varies*	varies*	Beryllium		
•	n Standards	pH	6.5 - 9.0		Cadmium	TVS	TVS
	1 Standards	chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
emporary N	Modification(s):	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
rsenic(chror	nic) = hybrid		acute	chronic	Copper		23.5*
Expiration Da	ate of 12/31/2021	Ammonia	TVS*	TVS*	Copper	35.1*	
	cute) = See attached table for site-	Boron		0.75	Iron		WS
pecific stand	dards. hronic) = See attached table for site-	Chloride		250	Iron		1000(T)
pecific stand	dards.	Chlorine	0.019	0.011	Lead	TVS	TVS
Copper(acut Cu FMB(ac)=	te) = Copper BLM-based FMB =35.1 ug/l	Cyanide	0.005		Lead	50(T)	
Copper(chro	onic) = Copper BLM-based FMB	Nitrate	10		Manganese	TVS	TVS
Cu FMB(ch)= D.O. (mg/L)(= 23.5 ug/l (acute) = See attached table for site-	Nitrite		0.5	Manganese		WS
pecific stand	dards. (chronic) = See attached table for site-	Phosphorus			Mercury		0.01(t)
pecific stand	` ,	Sulfate		WS	Molybdenum		150(T)
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Uranium Zinc	TVS	TVS
1h Mainstem	n of the South Platte River from a point	mmediately below the confluence	e with St. Vrain Cre	ek to the We	Zinc	TVS	
	n of the South Platte River from a point i	mmediately below the confluenc		ek to the We	Zinc	TVS	
COSPMS01E	B Classifications	1		ek to the We	Zinc	TVS	
	B Classifications	1	Biological		Zinc	TVS Metals (ug/L)	TVS
COSPMS01E Designation	B Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc Id/Morgan County Line	TVS Metals (ug/L) acute	TVS
COSPMS01E Designation	B Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	MWAT WS-II	Zinc Id/Morgan County Line Aluminum	TVS Metals (ug/L) acute	chronic
COSPMS01E Designation	B Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-II	MWAT WS-II chronic	Zinc Id/Morgan County Line Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COSPMS01E Designation Reviewable Qualifiers:	B Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium	Metals (ug/L) acute 340 TVS	chronic 0.02(T)
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Cadmium	TVS Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02(T) TVS
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish Other:	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	Chronic 0.02(T) TVS TVS
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish Other:	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L)	MWAT WS-II chronic 5.0 126	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish Other: Temporary Narsenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish Other: Temporary Narsenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish Other: Temporary Narsenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic TVS 0.75	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
Designation Reviewable Qualifiers: Vater + Fish Other: Gemporary Ausenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
cospmsole designation deviewable dualifiers: Vater + Fish Other: demporary Marsenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
cospmsole designation deviewable dualifiers: Vater + Fish Other: demporary Marsenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS WS
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T)
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t)
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS T	TVS chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
esignation eviewable ualifiers: /ater + Fish ther: emporary N	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS	TVS chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPMS01E Designation Reviewable Qualifiers: Vater + Fish Other: Temporary Narsenic(chroro	B Classifications Agriculture Aq Life Warm 2 Recreation E Water Supply n Standards Modification(s): nic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Zinc Id/Morgan County Line Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

D.O. = dissolved oxygen

2. Deleted.							
COSPMS02	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	ic (mg/L)				
			acute	chronic			
	es to the South Platte River, including as in the subbasins of the South Platte R			nfluence with	Big Dry Creek to the	e Weld/Morgan County line	, except for
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рH	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Standards	chlorophyll a (mg/m²)		150*	Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Temporary Mo	odification(s):	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
Arsenic(chronic	c) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Date	e of 12/31/2021	Ammonia	TVS	TVS	Iron		ws
*chlorophyll a ((mg/m²)(chronic) = applies only above	Boron		0.75	Iron		1000(T)
the facilities lis	ted at 38.5(4). hronic) = applies only above the	Chloride	-	250	Lead	TVS	TVS
facilities listed		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite	-	0.5	Mercury		0.01(t)
		Phosphorus		0.17*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	-	-
					Zinc	TVS	TVS

COSPMS03B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)	_	narrative*	Beryllium	-	
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
	chronic) = When water is present, D.O. s shall be maintained at levels that	E. Coli (per 100 mL)		126	Chromium III		100(T)
orotect classifi		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum	-	150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
1. Barr Lake a	nd Milton Reservoir.						
COSPMS04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Nater + Fish	Standards	chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Temporary Mo	odification(s):	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Arsenic(chroni			acute	chronic	Copper	TVS	TVS
,	e of 12/31/2021	Ammonia	TVS	TVS	Iron		WS
•		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
					Lead	50(T)	
		Chlorine	0.019	0.011			
		Chlorine Cvanide	0.019 0.005	0.011		TVS	TVS
		Cyanide	0.005	0.011	Manganese		TVS WS
		Cyanide Nitrate			Manganese Manganese	TVS	
		Cyanide Nitrate Nitrite	0.005 10 	 0.5	Manganese Manganese Mercury	TVS 	WS 0.01(t)
		Cyanide Nitrate Nitrite Phosphorus	0.005 10 	 0.5 	Manganese Manganese Mercury Molybdenum	TVS	WS 0.01(t) 150(T)
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 	 0.5 WS	Manganese Manganese Mercury Molybdenum Nickel	TVS TVS	WS 0.01(t) 150(T) TVS
		Cyanide Nitrate Nitrite Phosphorus	0.005 10 	 0.5 	Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS TVS	WS 0.01(t) 150(T) TVS 100(T)
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 	 0.5 WS	Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS TVS TVS TVS	WS 0.01(t) 150(T) TVS 100(T) TVS
		Cyanide Nitrate Nitrite Phosphorus Sulfate	0.005 10 	 0.5 WS	Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS TVS	WS 0.01(t) 150(T) TVS

	of Lone Tree Creek from the source						
COSPMS05A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)	-	5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
*Db b /		E. Coli (per 100 mL)		630	Chromium III	50(T)	TVS
facilities listed	(chronic) = applies only above the I at 38.5(4).	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		ws
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
5b. Mainstem	of Box Elder Creek from the confluer	nce with Coyote Run to the Denve	r Hudson Canal.				
COSPMS05E	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		-
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)	_	4.7*	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
	chronic) = 15th percentile of D.O. ts collected between 6:30 a.m. and	E. Coli (per 100 mL)		630	Chromium III		100(T)
6:30 p.m.	to conceted between 0.00 a.m. and	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		10	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
					Uranium		1 4 3
		Sulfate			Gianium		
		Sulfide		0.002	Zinc	TVS	TVS

oc. iviainstems	s of Crow Creek and Box Elder Creek	from their sources to their conflue	nces with the South	Platte River	, except for specific listing	gs in Segment 5b.	
COSPMS05C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		_
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		-
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
*DI /		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
*Phosphorus(c) facilities listed	chronic) = applies only above the at 38.5(4).	E. Coli (per 100 mL)		630	Chromium III		100(T)
	. ,	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride	_		Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium	-	-
		Sulfide		0.002	Zinc	TVS	TVS
6. Lost Creek f	from the source to Interstate 76, inclu	iding all its tributaries, stock ponds	and wetlands.				
COSPMS06							
2301 111000	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
Designation UP	Agriculture Aq Life Warm 2	Physical and Temperature °C		MWAT WS-III	Aluminum		chronic
Designation UP	Agriculture		DM		Aluminum Arsenic	acute	chronic 100(T)
Designation UP	Agriculture Aq Life Warm 2		DM WS-III	WS-III		acute	
Designation UP	Agriculture Aq Life Warm 2	Temperature °C D.O. (mg/L) pH	DM WS-III acute	WS-III chronic	Arsenic	acute 340	 100(T)
Designation UP Qualifiers: Other:	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L)	DM WS-III acute	WS-III chronic 5.0	Arsenic Beryllium	acute 340 	100(T) 100(T)
Designation UP Qualifiers: Other:	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH	DM WS-III acute 6.5 - 9.0	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340	100(T) 100(T) 10(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-III acute 6.5 - 9.0	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III	acute 340	100(T) 100(T) 10(T) 10(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-III acute 6.5 - 9.0	WS-III chronic 5.0	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340	 100(T) 100(T) 10(T) 100(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-III acute 6.5 - 9.0 ic (mg/L)	WS-III chronic 5.0 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340	
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	ws-III chronic 5.0 630 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340	 100(T) 100(T) 10(T) 100(T) 100(T) 200(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	ws-III chronic 5.0 630 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340	100(T) 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 200(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	ws-III chronic 5.0 630 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340	
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	ws-III chronic 5.0 630 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340	100(T) 100(T) 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 200(T) 150(T) 200(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute	ws-III chronic 5.0 630 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340	
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute 0.2	ws-III chronic 5.0 630 chronic 0.75 10	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340	100(T) 100(T) 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 200(T) 150(T) 200(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	ws-III chronic 5.0 630 chronic 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340	100(T) 100(T) 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 200(T) 150(T) 200(T) 200(T)
Designation UP Qualifiers: Other: *Phosphorus(c	Agriculture Aq Life Warm 2 Recreation N	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WS-III acute 6.5 - 9.0 ic (mg/L) acute 0.2 100	ws-III chronic 5.0 630 chronic 0.75 10	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340	100(T) 100(T) 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 200(T) 150(T) 200(T) 20(T)

COSPMS07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation A	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
F	Recreation E		acute	chronic	Arsenic	340	0.02(T)
V	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish S	tandards	chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride	_	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate	_	WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	_	
					Zinc	TVS	TVS

Dissolved Oxygen:

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STANDARDS
Early Life Stage Protection Period (April 1 through July 31)
1-Day <sup>1.4,5</sup> 3.0 mg/L (acute)
7-Day Average <sup>1.2</sup> 5.0 mg/L
Older Life Stage Protection Period (August 1 through March 31)
1-Day <sup>1.4</sup> 2.0 mg/L (acute)
7-Day Mean of Minimums <sup>1.3.</sup> 2.5 mg/L
30-Day Average <sup>1.2.</sup> 4.5 mg/L
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Refer to Section 38(6)(4)(c) for Dissolved Oxygen assessment locations.

Footnotes

- 1. For the purpose of determining compliance with the standards, dissolved oxygen measurements shall only be taken in the flowing portion of the stream at mid-depth, and at least six inches above the bottom of the channel. All sampling protocols and test procedures shall be in accordance with procedures and protocols approved by the Division.
- 2. A minimum of four independent daily means must be used to calculate the average for the 7-Day Average standard. A minimum of eight independent daily means must be used to calculate the average for the 30-Day Average standard. The four days and the eight days must be representative of the 7-Day and the 30-Day periods respectively. The daily mean shall be the mean of the daily high and low values. In calculating the mean values, the dissolved oxygen saturation value shall be used in place of any dissolved oxygen measurements which exceed saturation.
- 3. The 7-Day Mean Minimum is the average of the daily minimums measured at a location on each day during any 7-Day period.
- 4. During a 24 hour day, dissolved oxygen levels are likely to be lower during the nighttime when there is no photosynthesis. The dissolved oxygen levels should not drop below the acute standard (ELS acute standard of 3.0 mg/L or the OLS standard of 2.0 mg/L). However, if during the ELS period multiple measurements are below 3.0 mg/L during the same nighttime period, the multiple measurements shall be considered a single exceedance of the acute standard. For measurements below 2.0 mg/L during either the ELS or the OLS periods, each hourly measurement below 2.0 mg/L shall be considered an exceedance of the acute standard.
- 5. In July, the dissolved oxygen level in Segment 1a may be lower than the 3.0 mg/L acute standard for up to 14 exceedances in any one year and up to a total of 21 exceedances in three years before there is a determination that the acute dissolved oxygen standards is not being met. Exceedances shall be counted as described in Footnote 4.

Ammonia:

Warm Water = (mg/l as N)Total

$$acute = \frac{0.411}{1 + 10^{7.204 - pH}} + \frac{58.4}{1 + 10^{pH - 7.204}}$$

$$chronic \; (Apr1 - July31) = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) * MIN \left(2.85, 1.45 * 10^{0.028(25 - T)}\right)$$

$$chronic (Aug1 - Mar31) = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) * 1.45 * 10^{0.028*(25 - MAX(T, 7))}$$

 $NH_3 = old TVS$

Warm Water Acute = 0.62/FT/FPH/2^(4 old) in mg/ (N)

COSPBT01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		-
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	_
		chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

2. Mainstem of the Big Thompson River, including all tributaries and wetlands from the boundary of Rocky Mountain National Park to the Home Supply Canal diversion, except for the specific listing in Segment 7; mainstem of Black Canyon Creek and Glacier Creek below Estes Park water treatment plant.

COSPBT02	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
•	e of 12/31/2021				Copper		7.5*
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg/L)		Copper	11	TVS
the facilities lis	ited at 38.5(4).	-	acute	chronic	Copper	TVS	
*Phosphorus(c facilities listed	chronic) = applies only above the at 38.5(4).	Ammonia	TVS	TVS	Iron		WS
*Copper(acute	e) = 11 ug/L from immediately above mpson Sanitation District's	Boron		0.75	Iron		1000(T)
wastewater tre	eatment plant outfall to the Home	Chloride		250	Lead	TVS	TVS
Supply Canal I	Diversion. nic) = 7.5 ug/L from immediately above	Chlorine	0.019	0.011	Lead	50(T)	
the Upper Tho	mpson Sanitation District's	Cyanide	0.005		Manganese	TVS	TVS
wastewater tre Supply Canal I	eatment plant outfall to the Home Diversion.	Nitrate	10		Manganese		WS
		Nitrite		0.05	Mercury		0.01(t)
		Phosphorus		0.11*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium		_
					Zinc	TVS	TVS

COSPBT03			me Supply Canal diversio			IVEISIOII.			
1000. D.00	Classifications		Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2		Temperature °C		CS-II	CS-II	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02(T)
	Water Supply		D.O. (mg/L)			6.0	Beryllium		
Qualifiers:			D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Water + Fish	Standards		рН		6.5 - 9.0		Cadmium	5.0(T)	
Other:			chlorophyll a (mg/m²)				Chromium III	50(T)	TVS
Temporary M	lodification(s):		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
Arsenic(chroni							Copper	TVS	TVS
•	te of 12/31/2021		l l	norganic (mg/l	L)		Iron		WS
'				. 5 (5	acute	chronic	Iron		1000(T)
			Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Lead	50(T)	
			Chloride			250	Manganese	TVS	TVS
			Chlorine		0.019	0.011	Manganese		WS
			Cyanide		0.005		Mercury		0.01(t)
			Nitrate		10		Molybdenum		150(T)
			Nitrite			0.05	Nickel	TVS	TVS
			Phosphorus				Nickel		100(T)
			Sulfate			WS	Selenium	TVS	TVS
			Sulfide			0.002	Silver	TVS	TVS(tr)
			Sunde			0.002	Uranium		
							Zinc	TVS	TVS
4a. Mainstem	of the Big Thompson	n from the Big Bar	nes Ditch diversion to the	Greeley-Lovela	and Canal di	iversion.	1		
COSPBT04A	Classifications		Physic	al and Distant					
Designation			i nysic	al and Biologi	cai			Metals (ug/L)	
Designation	Agriculture		Thysic	ai and Biologi	DM	MWAT		Metals (ug/L)	chronic
Reviewable	Agriculture Aq Life Cold 1		Temperature °C	cai and Biologi		MWAT CS-II	Aluminum		chronic
_	-	5/1 - 10/15		ai and Biologi	DM		Aluminum Arsenic	acute	chronic 0.02(T)
_	Aq Life Cold 1	5/1 - 10/15 10/16 - 4/30		ai and Biologi	DM CS-II	CS-II		acute	
_	Aq Life Cold 1 Recreation E		Temperature °C	ai and Biologi	CS-II acute	CS-II chronic	Arsenic	acute 340	
_	Aq Life Cold 1 Recreation E Recreation N		Temperature °C D.O. (mg/L)	ai and Biologi	DM CS-II acute	CS-II chronic 6.0	Arsenic Beryllium	acute 340 	 0.02(T)
Reviewable	Aq Life Cold 1 Recreation E Recreation N		Temperature °C D.O. (mg/L) D.O. (spawning)	ai and Biologi	CS-II acute	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
Reviewable Qualifiers: Other:	Aq Life Cold 1 Recreation E Recreation N Water Supply		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	5/1 - 10/15	CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	 0.02(T) TVS TVS
Reviewable Qualifiers: Other: Temporary Management	Aq Life Cold 1 Recreation E Recreation N Water Supply		Temperature °C D.O. (mg/L) D.O. (spawning) pH		CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	0.02(T) TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 126 630	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute	CS-II chronic 6.0 7.0 126 630 chronic	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute TVS	CS-II chronic 6.0 7.0 126 630 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute TVS	CS-II chronic 6.0 7.0 126 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute TVS	CS-II chronic 6.0 7.0 126 630 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	5/1 - 10/15 10/16 - 4/30	DM CS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 126 630 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) III Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute TVS 0.019	CS-II chronic 6.0 7.0 126 630 Chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 630 Chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 630 Chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	5/1 - 10/15 10/16 - 4/30	DM CS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 630 Chronic TVS 0.75 250 0.011 0.5 WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
Qualifiers: Other: Temporary Marsenic(chronic)	Aq Life Cold 1 Recreation E Recreation N Water Supply lodification(s): ic) = hybrid		Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	5/1 - 10/15 10/16 - 4/30	CS-II acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 630 Chronic TVS 0.75 250 0.011 0.5	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS

4b. Mainstem									
COSPBT04B	Classifications		Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E	5/1 - 10/15			acute	chronic	Arsenic	340	0.02(T)
	Recreation N	10/16 - 4/30	D.O. (mg/L)			5.0	Beryllium		
	Water Supply		pН		6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:			chlorophyll a (mg/m²)				Cadmium	5.0(T)	
Other:			E. Coli (per 100 mL)	5/1 - 10/15		126	Chromium III	50(T)	TVS
Temporary M	odification(s):		E. Coli (per 100 mL)	10/16 - 4/30		630	Chromium VI	TVS	TVS
Arsenic(chroni							Copper	TVS	TVS
Expiration Dat	e of 12/31/2021		ı	norganic (mg/L	_)		Iron		WS
Selenium(chro	onic) = current condi	tion			acute	chronic	Iron		1000(T)
Expiration Dat	e of 12/31/2020		Ammonia		TVS	TVS	Lead	TVS	TVS
			Boron			0.75	Lead	50(T)	
			Chloride			250	Manganese	TVS	TVS
			Chlorine		0.019	0.011	Manganese		WS
			Cyanide		0.005		Mercury		0.01(t)
			Nitrate		10		Molybdenum		150(T)
			Nitrite			0.5	Nickel	TVS	TVS
			Phosphorus				Nickel		100(T)
			Sulfate			WS	Selenium	TVS	TVS
			Sulfide			0.002	Silver	TVS	TVS
			- Camac			0.002	Uranium		
							Zinc	TVS	TVS
4c. Mainstem	of the Big Thompso	n from County Ro	ad 11H to I-25.				1		
COSPBT04C	Classifications	-	Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E	5/1 - 10/15			acute	chronic	Arsenic	340	7.6(T)
	Recreation N	10/16 - 4/30	D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			pН		6.5 - 9.0		Cadmium	TVS	TVS
Fish Ingestion	n Standards		chlorophyll a (mg/m²)				Chromium III	TVS	TVS
Other:			E. Coli (per 100 mL)	5/1 - 10/15		126	Chromium III		100(T)
			E. Coli (per 100 mL)	10/16 - 4/30		630	Chromium VI	TVS	TVS
						030			
						030	Copper	TVS	TVS
						030	Copper	TVS 	TVS 1000(T)
				norganic (mg/L	-		Iron		1000(T)
					acute	chronic	Iron Lead	 TVS	1000(T) TVS
			Ammonia		acute TVS	chronic TVS	Iron Lead Manganese	TVS TVS	1000(T) TVS TVS
			Ammonia Boron		acute TVS	chronic TVS 0.75	Iron Lead Manganese Mercury	 TVS	1000(T) TVS TVS 0.01(t)
			Ammonia Boron Chloride		acute TVS	chronic TVS 0.75	Iron Lead Manganese Mercury Molybdenum	 TVS TVS 	1000(T) TVS TVS 0.01(t) 150(T)
			Ammonia Boron Chloride Chlorine		acute TVS 0.019	chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel	 TVS TVS TVS	1000(T) TVS TVS 0.01(t) 150(T) TVS
			Ammonia Boron Chloride Chlorine Cyanide		acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium	 TVS TVS TVS TVS	1000(T) TVS TVS 0.01(t) 150(T) TVS TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate		acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS 0.01(t) 150(T) TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS 0.01(t) 150(T) TVS TVS TVS TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS 0.01(t) 150(T) TVS TVS
			Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011 0.5	Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	TVS TVS TVS TVS TVS TVS TVS TVS	1000(T) TVS TVS 0.01(t) 150(T) TVS TVS TVS TVS

5. Mainstem o	f The Big Thompsor	River from I-25 to	o the confluence with the	South Platte Riv	er.		Г		
COSPBT05	Classifications		Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation N	10/16 - 4/30			acute	chronic	Arsenic	340	100(T)
	Recreation P	5/1 - 10/15	D.O. (mg/L)			5.0	Beryllium		-
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)				Chromium III	TVS	TVS
			E. Coli (per 100 mL)	5/1 - 10/15		205	Chromium III		100(T)
			E. Coli (per 100 mL)	10/16 - 4/30		630	Chromium VI	TVS	TVS
							Copper	TVS	TVS
			ı	norganic (mg/L	_)		Iron		1000(T)
					acute	chronic	Lead	TVS	TVS
			Ammonia		TVS	TVS	Manganese	TVS	TVS
			Boron			0.75	Mercury		0.01(t)
			Chloride				Molybdenum		150(T)
			Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS
			Nitrite			0.5	Uranium		
			Phosphorus				Zinc	TVS	TVS
			Sulfate						
			Sulfide			0.002			
6. All tributarie	s to the Big Thomps	on River, includin	g all wetlands, from the H	ome Supply Ca	nal diversio	n to the confl	uence with the South Pla	tte River.	
COSPBT06	Classifications		Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
UP	Aq Life Warm 2		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	7.6(T)
Qualifiers:			D.O. (mg/L)			5.0	Beryllium		
Fish Ingestio	n Standards		рН		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)			150	Chromium III	TVS	TVS
			E. Coli (per 100 mL)			126	Chromium III		100(T)
			ı	norganic (mg/L	_)		Chromium VI	TVS	TVS
					acute	chronic	Copper	TVS	TVS
			Ammonia		TVS	TVS	Iron		1000(T)
			Boron			0.75	Lead	TVS	TVS
			Chloride				Manganese	TVS	TVS
			Chlorine		0.019	0.011	Mercury		0.01(t)
			Cyanide		0.005		Molybdenum		150(T)
			Nitrate		100		Nickel	TVS	TVS
						0.5	Selenium	TVS	TVS
			Nitrite			0.5			
									TVS
			Phosphorus			0.17	Silver Uranium	TVS	TVS
							Silver	TVS	

COSPBT07	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pН	6.5 - 9.0		Cadmium	5.0(T)	
emporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
rsenic(chron	, ,	E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS
•	te of 12/31/2021				Copper	TVS	TVS
hlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
e facilities lis	sted at 38.5(4).		acute	chronic	Iron		1000(T)
hosphorus(cilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Lead	TVS	TVS
omitico noto a	d(00.5(1).	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		34		0.002	Uranium		
					Zinc	TVS	TVS
. Mainstem c	f the Little Thompson River, including a	all tributaries and wetlands, from	the source to the C	ulver Ditch d	iversion.	-	
. Mainstem o	f the Little Thompson River, including a Classifications	all tributaries and wetlands, from Physical and		ulver Ditch d	iversion.	Metals (ug/L)	
		1		ulver Ditch d	iversion.	Metals (ug/L)	chronic
OSPBT08	Classifications	1	Biological		iversion. Aluminum		
OSPBT08 esignation	Classifications Agriculture	Physical and	Biological DM	MWAT		acute	
OSPBT08 esignation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	acute	chronic
OSPBT08 esignation eviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute 340	chronic
ospbto8 esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340	chronic 0.02(T)
ospbto8 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	chronic 0.02(T)
OSPBT08 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
OSPBT08 esignation eviewable ualifiers: ther: emporary M rsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
ospbto8 esignation eviewable ualifiers: ther: emporary M renic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
ospbto8 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
ospbto8 esignation eviewable ualifiers: ther: emporary M renic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS
ospbto8 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 150(T)
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S 1000(T) TVS WS 0.01(t) 150(T) TVS
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 51 TVS 51 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS US 0.01(t) 150(T) TVS
DSPBT08 esignation eviewable ualifiers: ther: emporary M senic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS

9. Mainstem of COSPBT09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	-	pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Cadmium	5.0(T)	
	a diffication (a).	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Temporary Mo Selenium(chro	* *	, ,	ic (mg/L)		Chromium VI	TVS	TVS
`	e of 12/31/2020		acute	chronic	Copper	TVS	TVS
•		Ammonia	TVS	TVS	Iron		WS
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).	Boron		0.75	Iron	<u></u>	1000(T)
*Phosphorus(d	chronic) = applies only above the	Chloride		250	Lead	TVS	TVS
facilities listed	at 38.5(4).	Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.019		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
				0.5	Molybdenum		150(T)
		Phosphorus Sulfate		WS	Nickel	TVS	TVS
					Nickel		100(T)
		Sulfide		0.002		TVS	
					Selenium Silver	TVS	TVS TVS
							172
					Uranium		
10 All tributor	ice to the Little Themsees Diver include	ing all watlands from the Culver	Ditab diversian to t	ha aanfluana	Zinc	TVS	TVS
COSPBT10	classifications	Physical and		ne connuenc	e with the Big Thompson	Metals (ug/L)	
Designation	Agriculture	1 Hysical and	DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
J.	Recreation E	Temperature 0	acute	chronic	Arsenic	340	100(T)
			uouto	0111 011110		340	100(1)
Qualifiers:		II)()(ma/I)		5.0			
Qualifiers:		D.O. (mg/L)	 6.5 - 9.0	5.0	Beryllium	TVS	T\/Q
Qualifiers: Other:		рН	6.5 - 9.0	_	Cadmium	TVS	TVS
Other: *chlorophyll a	(mg/m²)(chronic) = applies only above	pH chlorophyll a (mg/m²)	6.5 - 9.0	 150*	Cadmium Chromium III	TVS TVS	TVS
Other: *chlorophyll a the facilities lis	sted at 38.5(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0	_	Cadmium Chromium III Chromium III	TVS TVS 	TVS 100(T)
Other: chlorophyll a he facilities list Phosphorus(0)	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	150* 126	Cadmium Chromium III Chromium III Chromium VI	TVS TVS TVS	TVS 100(T) TVS
Other: *chlorophyll a the facilities lis	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	150* 126 chronic	Cadmium Chromium III Chromium III Chromium VI Copper	TVS TVS TVS TVS	TVS 100(T) TVS TVS
Other: chlorophyll a he facilities list Phosphorus(0)	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L) acute TVS	150* 126 chronic TVS	Cadmium Chromium III Chromium III Chromium VI Copper Iron	TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T)
Other: chlorophyll a he facilities lis Phosphorus(o	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	150* 126 chronic TVS 0.75	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead	TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS
Other: chlorophyll a he facilities lis Phosphorus(o	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0 ic (mg/L) acute TVS	150* 126 chronic TVS 0.75	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS TVS
Other: chlorophyll a he facilities lis Phosphorus(o	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	150* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t)
Other: chlorophyll a he facilities lis Phosphorus(o	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	 150* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
Other: chlorophyll a he facilities lis Phosphorus(o	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	150* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
Other: 'chlorophyll a the facilities lise' 'Phosphorus(o	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	 150* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS
Other: chlorophyll a he facilities list Phosphorus(0)	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	 150* 126 chronic TVS 0.75 0.011	Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
Other: *chlorophyll a the facilities lis*	sted at 38.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100		Cadmium Chromium III Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100(T) TVS TVS 1000(T) TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS

11. Carter Lak	æ.							
COSPBT11	Classifications	Physic	cal and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	22.7	Arsenic	340	0.02(T)
	Water Supply					Beryllium		
	DUWS			acute	chronic	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (mg/L)			6.0	Cadmium	5.0(T)	-
Other:		D.O. (spawning)			7.0	Chromium III	50(T)	TVS
		рН		6.5 - 9.0		Chromium VI	TVS	TVS
		chlorophyll a (ug/L)				Copper	TVS	TVS
		E. Coli (per 100 mL)			126	Iron		WS
						Iron		1000(T)
		ı	norganic (mg/l	L)		Lead	TVS	TVS
			<u> </u>	acute	chronic	Lead	50(T)	
		Ammonia		TVS	TVS	Manganese	TVS	TVS
		Boron			0.75	Manganese		WS
		Chloride			250	Mercury		0.01(t)
		Chlorine		0.019	0.011	Molybdenum		150(T)
		Cyanide		0.005		Nickel	TVS	TVS
		Nitrate		10		Nickel		100(T)
		Nitrite			0.05	Selenium	TVS	TVS
		Phosphorus				Silver	TVS	TVS(tr)
		Sulfate			WS	Uranium		
Ĭ		Sulfide			0.002	Zinc	TVS	TVS
12. Lake Love	land, Horseshoe Lake, Boyd Lake.						TVS	TVS
12. Lake Love COSPBT12	land, Horseshoe Lake, Boyd Lake.	Sulfide	cal and Biologi				TVS Metals (ug/L)	TVS
		Sulfide	cal and Biologi					TVS
COSPBT12	Classifications	Sulfide	cal and Biologi	 ical	0.002		Metals (ug/L)	
COSPBT12 Designation	Classifications Agriculture	Sulfide	cal and Biologi	 ical	0.002 MWAT	Zinc	Metals (ug/L)	
COSPBT12 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Sulfide	cal and Biologi	ical DM WL	0.002 MWAT WL	Zinc	Metals (ug/L) acute	chronic
COSPBT12 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	Sulfide Physic Temperature °C	cal and Biologi	DM WL acute	0.002 MWAT WL chronic	Zinc Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COSPBT12 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physic Temperature °C D.O. (mg/L)	cal and Biologi	ical DM WL acute	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBT12 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) pH	al and Biologi	DM WL acute	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02(T)
COSPBT12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologi	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02(T) TVS
COSPBT12 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Management Mana	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM WL acute 6.5 - 9.0 L)	0.002 MWAT WL chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Management Manag	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid ite of 12/31/2021	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		ical DM WL acute 6.5 - 9.0 L) acute	MWAT WL chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic Expiration Date	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)		DM WL acute 6.5 - 9.0 L) acute TVS	MWAT WL chronic 5.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron		DM WL acute 6.5 - 9.0 L) acute TVS	0.002 MWAT WL chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride		DM WL acute 6.5 - 9.0 L) acute TVS	0.002 MWAT WL chronic 5.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T)
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine		DM WL acute	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide		acute 5.5 - 9.0 L) acute TVS 0.019 0.005	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) TVS TVS TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate		ical DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite		DM WL acute 6.5 - 9.0 L) acute TVS 0.019 0.005 10	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus		acute TVS 0.019 0.005 10	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		acute	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		acute	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPBT12 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronie) Expiration Date *Classification*	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS* lodification(s): ic) = hybrid te of 12/31/2021 by: DUWS Applies to Boyd and	Sulfide Physic Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate		acute	0.002 MWAT WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

13. Berthoud F							
COSPBT13	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
	DUWS	pH	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (ug/L)			Cadmium	5.0(T)	
Water + Fish	Standards	E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Other:		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
14. Welch Res	servoir, Lonetree Reservoir, Boedecker	Lake, Lon Hagler Reservoir.			Zinc	TVS	TVS
14. Welch Res	servoir, Lonetree Reservoir, Boedecker Classifications	Lake, Lon Hagler Reservoir. Physical and E	Biological		Zinc	TVS Metals (ug/L)	TVS
		_	Biological DM	MWAT	Zinc		TVS
COSPBT14	Classifications	_		MWAT WL	Zinc	Metals (ug/L)	
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and E	DM			Metals (ug/L)	
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and E	DM WL	WL	Aluminum	Metals (ug/L) acute	chronic
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and E	DM WL acute	WL	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L)	DM WL acute	WL chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COSPBT14 Designation Reviewable	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02(T)
COSPBT14 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS 5.0(T)	chronic 0.02(T) TVS
COSPBT14 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0	WL chronic 5.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 	WL chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM WL acute 6.5 - 9.0 c (mg/L) acute	WL chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	WL chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
COSPBT14 Designation Reviewable Qualifiers: Other: *Classification	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply DUWS*	Physical and E Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS

	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	and reservoirs tributary to the Big Thor	mpson River from the boundary of	Rocky Mountain N	lational Park t	to the Home Supply Can	al diversion. This segme	ent includes
.ake Estes ar COSPBT16	nd St Mary's Lake. Classifications	Physical and	Riological			Metals (ug/L)	
		i nysicarana	DM	MWAT		acute	chronic
	riginculture		DIN		Aluminum	acute	
Designation	Ag Life Cold 1	Temperature °C	CLCLI	CLCL			
Designation	Aq Life Cold 1 Recreation E	Temperature °C	CL,CLL acute	CL,CLL chronic		340	0.02(T)
Designation			acute	chronic	Arsenic	340	0.02(T)
Designation	Recreation E	D.O. (mg/L)	acute	chronic 6.0	Arsenic Beryllium		
Designation Reviewable	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute	chronic	Arsenic Beryllium Cadmium	TVS(tr)	TVS
Designation Reviewable Qualifiers:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	acute	6.0 7.0	Arsenic Beryllium Cadmium Cadmium	TVS(tr) 5.0(T)	TVS
Designation Reviewable Qualifiers:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Cadmium Chromium III	TVS(tr) 5.0(T) 50(T)	TVS TVS
Designation Reviewable Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS(tr) 5.0(T) 50(T) TVS	TVS TVS TVS
Designation Reviewable Qualifiers:	Recreation E Water Supply DUWS*	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	acute 6.5 - 9.0	6.0 7.0 	Arsenic Beryllium Cadmium Cadmium Chromium III	TVS(tr) 5.0(T) 50(T)	TVS TVS

Ammonia

Boron

Chloride

Chlorine

Cyanide

Nitrate

Nitrite Phosphorus

Sulfate

Sulfide

TVS

0.019

0.005

10

TVS

0.75

250

0.011

0.05

WS

0.002

Lead

Lead

Manganese

Manganese

Molybdenum

Mercury

Nickel

Nickel

Silver

Uranium Zinc

Selenium

TVS

TVS

ws

0.01(t)

150(T)

100(T)

TVS(tr)

TVS

TVS

TVS

TVS

50(T) TVS

TVS

TVS

TVS

TVS

COSPBT17	Classifications	Physical and	Biological			Metals (ug/L)	<u> </u>
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	-	5.0	Beryllium		
ualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
later + Fish	Standards	chlorophyll a (ug/L)			Cadmium	5.0(T)	
ther:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
		Guinde		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
8. All lakes a	and reservoirs tributary to the L	ittle Thompson River from the source to	the Culver Ditch dive	ersion.	Ziilo	1 4 0	140
OSPBT18	Classifications	Physical and				Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	_	6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
41		рН	6.5 - 9.0		Cadmium	5.0(T)	
tner:			0.5 - 5.0			()	
ther:		•	0.5 - 9.0		Chromium III	50(T)	TVS
rtner:		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
riner:		•		126	Chromium VI	TVS	TVS
mer:		chlorophyll a (ug/L) E. Coli (per 100 mL)			Chromium VI Copper	TVS TVS	TVS TVS
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL)	 nic (mg/L)	126	Chromium VI Copper Iron	TVS TVS 	TVS TVS WS
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	 nic (mg/L) acute	126	Chromium VI Copper Iron	TVS TVS 	TVS TVS WS 1000(T)
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	acute	126 chronic TVS	Chromium VI Copper Iron Iron Lead	TVS TVS TVS	TVS TVS WS
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute TVS	chronic TVS 0.75	Chromium VI Copper Iron Iron Lead Lead	TVS TVS TVS 50(T)	TVS TVS WS 1000(T) TVS
mer:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute TVS	126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron Lead Lead Manganese	TVS TVS TVS 50(T) TVS	TVS TVS WS 1000(T) TVS TVS
mer:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	nic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS TVS TVS 50(T) TVS	TVS TVS WS 1000(T) TVS TVS WS
mer:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	nic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS TVS TVS 50(T) TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
mer:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	nic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS TVS TVS 50(T) TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05 WS	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS TVS TVS 50(T) TVS TVS TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS
tner:		chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nic (mg/L) acute TVS 0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS TVS TVS 50(T) TVS TVS TVS	TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS

COSPBT19	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium	_	
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron	-	WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	_	
					Zinc	TVS	TVS

COSPCP01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		_
(ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pН	6.5 - 9.0	-	Cadmium	5.0(T)	
emporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
rsenic(chron		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	te of 12/31/2021				Copper	TVS	TVS
		Inorgan	c (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
							. ,
					Uranium		
	of the Cache La Poudre River, includin Poudre Wilderness Areas to a point im					TVS	TVS
nd Cache La	Poudre Wilderness Areas to a point im Classifications		with the South Forb	Cache La F	Zinc untain National Park a	TVS and the Rawah, Neota, Cor Metals (ug/L)	manche Peak
ond Cache La COSPCP02A Designation	Poudre Wilderness Areas to a point im Classifications Agriculture	mediately below the confluence Physical and	with the South Forl Biological DM	Cache La F	Zinc untain National Park a Poudre River.	TVS and the Rawah, Neota, Cor Metals (ug/L) acute	manche Peak
ond Cache La	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1	mediately below the confluence	with the South Forb Biological DM CS-I	MWAT CS-I	Zinc untain National Park a Poudre River.	TVS and the Rawah, Neota, Cor Metals (ug/L) acute	chronic
nd Cache La COSPCP02A Designation	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	with the South Ford Biological DM CS-I acute	MWAT CS-I chronic	Zinc Intain National Park a Coudre River. Aluminum Arsenic	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340	manche Peak
nd Cache La COSPCP02A Designation Reviewable	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	with the South Ford Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc Intain National Park a Coudre River. Aluminum Arsenic Beryllium	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340	chronic 0.02(T)
nd Cache La COSPCP02A Designation Reviewable Qualifiers:	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	with the South Ford Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc Untain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr)	chronic
nd Cache La COSPCP02A Designation Reviewable Qualifiers:	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	with the South Ford Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc Intain National Park a Coudre River. Aluminum Arsenic Beryllium Cadmium Cadmium	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Other:	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	with the South Ford Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	Zinc Intain National Park a Coudre River. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
nd Cache La COSPCP02A Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning)	with the South Ford Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc Intain National Park a Coudre River. Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
nd Cache La COSPCP02A Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	with the South Ford Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Chromium VI Copper	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
nd Cache La COSPCP02A Designation Reviewable Rualifiers: Other: Remporary Marsenic(chron Date) Capital	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid de of 12/31/2021 (mg/m²)(chronic) = applies only above	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L)	MWAT CS-I chronic 6.0 7.0 150* 126	Zinc Intain National Park a coudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS
nd Cache La COSPCP02A Designation Reviewable Qualifiers: Demorary Marsenic(chron expiration Data chlorophyll a ne facilities lis Phosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150* 126 chronic	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS TVS TVS TVS TVS
nd Cache La COSPCP02A Designation Reviewable Qualifiers: Dether: Temporary Marsenic(chron Expiration Data Chlorophyll a Temporary la T	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic	Zinc Intain National Park a Coudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS
nd Cache La COSPCP02A Designation Reviewable Qualifiers: Demorary Marsenic(chron expiration Data chlorophyll a ne facilities lis Phosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS 50(T)	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Dether: Demorary Marsenic(chron Expiration Data Chlorophyll a Defacilities lis Dehosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS T
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Dether: Demorary Marsenic(chron Expiration Data Chlorophyll a Defacilities lis Dehosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS SUS 1000(T) TVS TVS WS WS
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Dether: Demorary Marsenic(chron Expiration Data Chlorophyll a Defacilities lis Dehosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t)
nd Cache La COSPCP02A Designation Reviewable Qualifiers: Demorary Marsenic(chron expiration Data chlorophyll a ne facilities lis Phosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t)
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Dether: Demorary Marsenic(chron Expiration Data Chlorophyll a Defacilities lis Dehosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS WS 0.01(t) 150(T)
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Dether: Demorary Marsenic(chron Expiration Data Chlorophyll a Defacilities lis Dehosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
nd Cache La OSPCP02A resignation reviewable reviewable remporary M resenic(chron xpiration Dat chlorophyll a re facilities lis Phosphorus(resignation)	Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 -	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS US 1000(T) TVS US 0.01(t) 150(T) TVS
nd Cache La COSPCP02A Designation Deviewable Dualifiers: Dether: Demorary Marsenic(chron Expiration Data Chlorophyll a Defacilities lis Dehosphorus(Poudre Wilderness Areas to a point im Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	mediately below the confluence Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	with the South Ford Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Zinc Intain National Park a Poudre River. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Marcury Molybdenum Nickel Nickel	TVS and the Rawah, Neota, Cor Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS

COSPCP02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	1 11,0001 4110	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	, p. 111	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium	_	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s)	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chronic	* *	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	e of 12/31/2021				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	-	
					Zinc	TVS	TVS
3. Deleted.							
COSPCP03	Classifications	Physical and				Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)		_		
			acute	chronic			

4. Deleted.				
COSPCP04 Classifications	Physical and Biological		Metals (ug/L)	
Designation	DM	MWAT	acute	chronic
Qualifiers:	acute	chronic		
Other:				
	Inorganic (mg/L)			
	acute	chronic		
5. Deleted.				
COSPCP05 Classifications	Physical and Biological		Metals (ug/L)	
Designation	DM	MWAT	acute	chronic
Qualifiers:	acute	chronic		
	acute	Cilionic		
Other:				
	Inorganic (mg/L)			
	acute	chronic		

6. Mainstem o	THE NOTHIT OIR OF THE CACH						
COSPCP06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chron	` '	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2021				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
				0.002	Silver	TVS	TVS(tr)
		LSulfide					- (-)
		Sulfide		0.002	Uranium		
	f the North Fork of the Cach	Sulfide Buttide La Poudre River from the inlet of Halligan			Uranium Zinc h the Cache La Poudre F	 TVS River, except for specific	TVS
7. Mainstem o Segment 20. COSPCP07	f the North Fork of the Cach		n Reservoir to the c		Zinc	TVS	TVS
Segment 20.	Classifications Agriculture	e La Poudre River from the inlet of Halligar	n Reservoir to the c		Zinc	TVS River, except for specific	TVS
Segment 20.	Classifications Agriculture Aq Life Cold 1	e La Poudre River from the inlet of Halligar	n Reservoir to the c	onfluence wit	Zinc	TVS River, except for specific Metals (ug/L)	TVS c listings in
Segment 20. COSPCP07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	e La Poudre River from the inlet of Halligar Physical and	n Reservoir to the o	onfluence wit	Zinc h the Cache La Poudre F	TVS River, except for specific Metals (ug/L) acute	TVS c listings in
COSPCP07 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	e La Poudre River from the inlet of Halligar Physical and	n Reservoir to the common Biological DM CS-II	onfluence wit MWAT CS-II	Zinc h the Cache La Poudre f	TVS River, except for specific Metals (ug/L) acute	TVS c listings in chronic
COSPCP07 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	e La Poudre River from the inlet of Halligar Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Zinc h the Cache La Poudre B Aluminum Arsenic	TVS River, except for specific Metals (ug/L) acute 340	TVS c listings in chronic 0.02(T)
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	e La Poudre River from the inlet of Halligar Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Zinc h the Cache La Poudre f Aluminum Arsenic Beryllium	TVS River, except for specific Metals (ug/L) acute 340	TVS c listings in chronic 0.02(T)
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	n Reservoir to the of Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Zinc h the Cache La Poudre f Aluminum Arsenic Beryllium Cadmium	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr)	TVS c listings in chronic 0.02(T) TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T)	TVS c listings in chronic 0.02(T) TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	TVS c listings in chronic 0.02(T) TVS TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS
COSPCP07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T)
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS 50(T)	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS WS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	n Reservoir to the companies of the comp	mwat CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Zinc h the Cache La Poudre I Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 1000(T) TVS TVS WS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	e La Poudre River from the inlet of Halligan Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Reservoir to the content	mwat CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T)
Gegment 20. COSPCP07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 WS	Zinc h the Cache La Poudre R Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS River, except for specific Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS c listings in chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPCP08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Vater + Fish	Standards	pH	6.5 - 9.0		Cadmium	5.0(T)	
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
omporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
rsenic(chron	()	,			Copper	TVS	TVS
	te of 12/31/2021	Inorgan	ic (mg/L)		Iron		WS
·	_	morgan	acute	chronic	Iron		1000(T)
	(mg/m ²)(chronic) = applies only above sted at 38.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
Phosphorus(chronic) = applies only above the	Boron		0.75	Lead	50(T)	
acilities listed	at 38.5(4).				Manganese	TVS	TVS
		Chloride		250			WS
		Chlorine	0.019	0.011	Manganese		
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate	-	WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
	f Rabbit Creek and Lone Pine Creek fr			of the Cach	e La Poudre River.		
OSPCP09	Classifications	om the source to the confluence Physical and	Biological		e La Poudre River.	Metals (ug/L)	
COSPCP09 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L)	chronic
OSPCP09	Classifications Agriculture Aq Life Cold 1		Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	chronic
OSPCP09 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L)	
COSPCP09 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II	MWAT CS-II chronic 6.0	Aluminum	Metals (ug/L) acute	chronic
COSPCP09 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COSPCP09 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
COSPCP09 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T)
COSPCP09 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
cospcp09 Designation Reviewable Qualifiers: Other: Gemporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
COSPCP09 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ite of 12/31/2021	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chlorophyll a ne facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron expiration Data chlorophyll a ne facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
designation deviewable dualifiers: other: demporary Marsenic(chron emporary Ma	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
esignation leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	Chronic
esignation leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a le facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a e facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 —— 150* 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
esignation leviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS
esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a e facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a e facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dal hlorophyll a e facilities lis	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
esignation eviewable ualifiers: ther: emporary M rsenic(chron xpiration Dat chlorophyll a e facilities lis Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS

COSPCP10A	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		рН	6.5 - 9.0		Cadmium	5.0(T)	
emporary M	odification(s):	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
rsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
xpiration Dat	e of 12/31/2021				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		ws
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	_	
					Zinc	TVS	TVS
0b. Mainster	n of the Cache La Poudre F	River from a point immediately above the Lar	imer County Ditch o	liversion (40	.657, -105.185) to Shields	Street in Ft. Collins, C	Colorado.
OSPCP10B	Classifications	Physical and	Biological			Metals (ug/L)	
OSPCP10B esignation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L) acute	chronic
	Agriculture Aq Life Cold 2	Physical and Temperature °C		MWAT CS-II	Aluminum		chronic
esignation	Agriculture Aq Life Cold 2 Recreation E	,	DM			acute	chronic 0.02(T)
esignation eviewable	Agriculture Aq Life Cold 2	,	DM CS-II	CS-II	Aluminum	acute	
esignation eviewable dualifiers:	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C	DM CS-II acute	CS-II chronic	Aluminum Arsenic	acute 340	0.02(T)
esignation eviewable	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C D.O. (mg/L)	DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Beryllium	acute 340 	0.02(T)
esignation eviewable	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T)
esignation eviewable ualifiers: //ater + Fish	Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	0.02(T) TVS TVS
esignation eviewable ualifiers: //ater + Fish	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T) 50(T)	0.02(T) TVS
esignation eviewable ualifiers: /ater + Fish tther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s):	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS TVS
esignation eviewable ualifiers: /ater + Fish ther: emporary Morsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	
esignation eviewable ualifiers: /ater + Fish ther: emporary Morsenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS TVS US 1000(T)
esignation eviewable ualifiers: /ater + Fish ther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM CS-II acute 6.5 - 9.0 ic (mg/L)	CS-II chronic 6.0 7.0 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS VS TVS US 1000(T)
esignation eviewable ualifiers: /ater + Fish ther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	
esignation eviewable ualifiers: ater + Fish ther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	
esignation eviewable ualifiers: ater + Fish ther: emporary Me senic(chroni	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	
esignation eviewable ualifiers: ater + Fish ther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS 50(T) TVS TVS	
esignation eviewable ualifiers: ater + Fish ther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS TVS SUS 1000(T) TVS VS VS 0.01(t)
esignation eviewable ualifiers: ater + Fish ther: emporary Me senic(chroni	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T)
esignation eviewable ualifiers: ater + Fish ther: emporary Me senic(chroni	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS 1000(T) TVS WS 0.01(t) 150(T)
esignation eviewable ualifiers: ater + Fish ther: emporary Me senic(chroni	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS 1000(T) TVS WS 0.01(t) 150(T)
esignation eviewable ualifiers: /ater + Fish ther: emporary Mersenic(chronic	Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05 WS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS 1000(T) TVS WS 0.01(t) 150(T) TVS

11. Mainstem			· · · · · · · · · · · · · · · · · · ·				
COSPCP11	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		_
Other:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
emperature(D	DM/MWAT) = current 12/1 - 2/29	E. Coli (per 100 mL)		126	Chromium III		100(T)
condition	of 42/24/2020	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
באטוימנוטוז טמנ	te of 12/31/2020		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		2.7	Selenium	TVS	TVS
		Phosphorus			Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS
12. Mainstem	of the Cache La Poudre River from a po						TVS
12. Mainstem	of the Cache La Poudre River from a po		ence with Boxelde		e confluence with the Sout		TVS
	<u> </u>	I pin immediately above the conflu	ence with Boxelde		e confluence with the Sout	th Platte River.	TVS
COSPCP12 Designation	Classifications	I pin immediately above the conflu	ence with Boxelde Biological	r Creek to the	e confluence with the Sout	th Platte River. Metals (ug/L)	
COSPCP12 Designation	Classifications Agriculture	pin immediately above the conflu Physical and E	ence with Boxelde Biological DM	r Creek to the	e confluence with the Sout	th Platte River. Metals (ug/L) acute	
COSPCP12 Designation Reviewable	Classifications Agriculture Aq Life Warm 1	pin immediately above the conflu Physical and E	ence with Boxelde Biological DM WS-I	MWAT WS-I	e confluence with the Sout	Metals (ug/L) acute	chronic
COSPCP12 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1	Physical and E Temperature °C	ence with Boxelde Biological DM WS-I acute	MWAT WS-I chronic	Aluminum Arsenic	th Platte River. Metals (ug/L) acute 340	chronic 7.6(T)
COSPCP12 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and E Temperature °C D.O. (mg/L)	ence with Boxelde Siological DM WS-I acute	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 7.6(T)
COSPCP12 Designation Reviewable Qualifiers: Other: Femporary Memperature(Designation)	Classifications Agriculture Aq Life Warm 1	Temperature °C D.O. (mg/L) pH	DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6(T) TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Decondition	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Description	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 7.6(T) TVS TVS 100(T)
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Description	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	DM WS-I acute 6.5 - 9.0 c (mg/L)	MWAT WS-I chronic 5.0 126	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Description	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-I chronic 5.0 126 chronic	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Desoration	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania	DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-I chronic 5.0 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T)
Designation Reviewable Qualifiers: Other: Temporary Memperature(Dondition	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-I chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Description	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgania Ammonia Boron Chloride	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-I chronic 5.0 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Description	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t)
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Description	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT WS-I chronic 5.0 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS 0.01(t) 150(T)
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Desoration	Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
COSPCP12 Designation Reviewable Qualifiers: Other: Temporary Memperature(Depondition	Classifications Agriculture Aq Life Warm 1 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ence with Boxelde Biological DM WS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	MWAT WS-I chronic 5.0 126 chronic TVS 0.75 0.011 2.7	Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	th Platte River. Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic

COSPCP13A	Classifications		Physic	cal and Biologi	cal			Metals (ug/L)	
Designation	Agriculture		_		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-I	WS-I	Aluminum		
	Recreation E				acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply		D.O. (mg/L)			5.0	Beryllium		
Qualifiers:			pH		6.5 - 9.0		Cadmium	TVS	TVS
Other:			chlorophyll a (mg/m²)			150*	Cadmium	5.0(T)	
			E. Coli (per 100 mL)			126	Chromium III	50(T)	TVS
	(mg/m ²)(chronic) = sted at 38.5(4).	applies only above		norganic (mg/l	_)		Chromium VI	TVS	TVS
Phosphorus(chronic) = applies o	nly above the			acute	chronic	Copper	TVS	TVS
acilities listed	at 38.5(4).		Ammonia		TVS	TVS	Iron		WS
			Boron			0.75	Iron		1000(T)
			Chloride			250	Lead	TVS	TVS
			Chlorine		0.019	0.011	Lead	50(T)	
			Cyanide		0.005		Manganese	TVS	TVS
			Nitrate		10		Manganese		WS
			Nitrate			0.5	Mercury		0.01(t)
			Phosphorus			0.17*	Molybdenum		150(T)
							Nickel	TVS	TVS
			Sulfate Sulfide			WS 0.002	Nickel		100(T)
			Suilide			0.002		TVS	TVS
							Selenium		
							Silver	TVS	TVS
							Uranium		
12h Mainatan	of Payaldar Crack	from its source to t	he confluence with the C	acho La Doudro	Divor		Zinc	TVS	TVS
	Classifications	nom its source to i		cal and Biologi				Metals (ug/L)	
Designation	Ciassincations		Tilysic	zai ana biologi	cui				
ooig.ia.ioii	Agriculture				DM	ΜWΔT		,	chronic
Reviewable	Agriculture		Temperature °C		DM WS-II	MWAT	Aluminum	acute	chronic
Reviewable	Aq Life Warm 2	9/16 - 5/14	Temperature °C		WS-II	WS-II	Aluminum	acute	
Reviewable	Aq Life Warm 2 Recreation N	9/16 - 5/14 5/15 - 9/15	·		WS-II acute	WS-II chronic	Arsenic	acute 340	chronic 100(T)
Reviewable	Aq Life Warm 2		D.O. (mg/L)		WS-II acute	WS-II chronic 5.0	Arsenic Beryllium	acute 340	 100(T)
Qualifiers:	Aq Life Warm 2 Recreation N		D.O. (mg/L) pH		WS-II acute 6.5 - 9.0	ws-II chronic 5.0	Arsenic Beryllium Cadmium	acute 340 TVS	 100(T) TVS
Qualifiers:	Aq Life Warm 2 Recreation N		D.O. (mg/L) pH chlorophyll a (mg/m²)	EME OME	WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150*	Arsenic Beryllium Cadmium Chromium III	acute 340 TVS TVS	 100(T) TVS TVS
Qualifiers: Other: Femporary M	Aq Life Warm 2 Recreation N Recreation P	5/15 - 9/15	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	5/15 - 9/15	WS-II acute 6.5 - 9.0 	WS-II chronic 5.0 150* 205	Arsenic Beryllium Cadmium Chromium III Chromium III	acute 340 TVS TVS	 100(T) TVS TVS 100(T)
Qualifiers: Other: Femporary M Selenium(chro	Aq Life Warm 2 Recreation N Recreation P odification(s): onic) = current condi	5/15 - 9/15	D.O. (mg/L) pH chlorophyll a (mg/m²)	5/15 - 9/15 9/16 - 5/14	WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150*	Arsenic Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS TVS TVS	100(T) TVS TVS 100(T) TVS
Qualifiers: Other: Femporary M Selenium(chro	Aq Life Warm 2 Recreation N Recreation P	5/15 - 9/15	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150* 205	Arsenic Beryllium Cadmium Chromium III Chromium III Chromium VI Copper	acute 340 TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS
Qualifiers: Other: Femporary M Selenium(chro Expiration Dat	Aq Life Warm 2 Recreation N Recreation P odification(s): onic) = current condi e of 12/31/2020 (mg/m²)(chronic) =	5/15 - 9/15	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)		WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150* 205 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS
Qualifiers: Other: Femporary M Selenium(chro Expiration Data chlorophyll a he facilities lis	Aq Life Warm 2 Recreation N Recreation P odification(s): onic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4).	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute	WS-II chronic 5.0 150* 205 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	acute 340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS
Qualifiers: Other: emporary M Selenium(chro expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0	WS-II chronic 5.0 150* 205 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	acute 340 TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS
Qualifiers: Other: Temporary M Selenium(chro Expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute	WS-II chronic 5.0 150* 205 630	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	acute 340 TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t)
Qualifiers: Other: emporary M Selenium(chro expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute TVS	WS-II chronic 5.0 150* 205 630 chronic TVS	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
Qualifiers: Other: Temporary M Selenium(chro Expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0 TVS	WS-II chronic 5.0 150* 205 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
Qualifiers: Other: Femporary M Selenium(chro Expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL)	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute TVS	ws-II chronic 5.0 150* 205 630 chronic TVS 0.75	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	acute 340 TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T)
Qualifiers: Other: Temporary M Selenium(chro Expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute TVS 0.019	ws-II chronic 5.0 150* 205 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS
Qualifiers: Other: Femporary M Selenium(chro Expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	9/16 - 5/14	WS-II acute 6.5 - 9.0 TVS 0.019 0.005	ws-II chronic 5.0 150* 205 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) TVS TVS
Qualifiers: Other: Femporary M Selenium(chro Expiration Data chlorophyll a he facilities lis	Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute TVS 0.019 0.005 100	ws-II chronic 5.0 150* 205 630 chronic TVS 0.75 0.011	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) TVS TVS
Qualifiers: Other: Femporary M Selenium(chro Expiration Dat chlorophyll a he facilities lis Phosphorus(Aq Life Warm 2 Recreation N Recreation P odification(s): nic) = current condite of 12/31/2020 (mg/m²)(chronic) = sted at 38.5(4). chronic) = applies of	5/15 - 9/15 ition applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	9/16 - 5/14	WS-II acute 6.5 - 9.0 acute TVS 0.019 0.005 100	ws-II chronic 5.0 150* 205 630 chronic TVS 0.75 0.011 0.5	Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver Uranium	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	100(T) TVS TVS 100(T) TVS TVS 1000(T) TVS TVS 0.01(t) 150(T) TVS TVS TVS

13c. Mainsten	ns of South Branch of Boxelder C	reek, North Branch of Boxelder	r Creek, and Sa	and Creek fro	om their sou	rces to their confluenc	ces with the mainstem of	Boxelder Creek.
COSPCP13C	Classifications	Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C		CS-I	CS-I	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Cadmium	5.0(T)	-
		chlorophyll a (mg/m²)			150	Chromium III	50(T)	TVS
		E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
		Ir	norganic (mg/l	_)		Iron		WS
				acute	chronic	Iron		1000(T)
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead	50(T)	
		Chloride			250	Manganese	TVS	TVS
		Chlorine		0.019	0.011	Manganese		WS
		Cyanide		0.005		Mercury		0.01(t)
		Nitrate		10		Molybdenum		150(T)
		Nitrite			0.05	Nickel	TVS	TVS
		Phosphorus			0.11	Nickel		100(T)
		Sulfate			WS	Selenium	TVS	TVS
		Sulfide			0.002	Silver	TVS	TVS(tr)
						Uranium		_
						Zinc	TVS	TVS
14. Horsetoot	th Reservoir.					1		
COSPCP14	Classifications	Physic	al and Biologi				Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	CLL	22.8 ^B	Arsenic	340	0.02(T)
	Water Supply DUWS					Beryllium		_
O !!#!	DOWS			acute	chronic	Cadmium	TVS(tr)	TVS
Qualifiers:		D.O. (mg/L)			6.0	Cadmium	5.0(T)	
Other:		D.O. (spawning)			7.0	Chromium III	50(T)	TVS
		pH		0 5 0 0				T1 (0
		•		6.5 - 9.0		Chromium VI	TVS	TVS
		chlorophyll a (ug/L)		6.5 - 9.0		Chromium VI Copper	TVS TVS	TVS
		•						
		chlorophyll a (ug/L)				Copper	TVS	TVS WS 1000(T)
		chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/l			Copper Iron	TVS TVS	TVS WS
		chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/l			Copper Iron Iron	TVS TVS 50(T)	TVS WS 1000(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/L		126	Copper Iron Iron Lead	TVS TVS	TVS WS 1000(T) TVS TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL)	norganic (mg/l	 -) acute	chronic TVS 0.75	Copper Iron Iron Lead Lead Manganese Manganese	TVS TVS 50(T)	TVS WS 1000(T) TVS TVS WS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Ir Ammonia	norganic (mg/l) acute TVS	 126 chronic TVS	Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS TVS 50(T) TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
		chlorophyll a (ug/L) E. Coli (per 100 mL) Ir Ammonia Boron	norganic (mg/l	 acute TVS	chronic TVS 0.75	Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS TVS 50(T) TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
		chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride	norganic (mg/l) acute TVS 	126 chronic TVS 0.75 250	Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS TVS 50(T) TVS	TVS WS 1000(T) TVS TVS WS 0.01(t)
		chlorophyll a (ug/L) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine	norganic (mg/l) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS TVS 50(T) TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
		chlorophyll a (ug/L) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide	norganic (mg/l	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS TVS 50(T) TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	norganic (mg/l	 acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel	TVS TVS 50(T) TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS
		chlorophyll a (ug/L) E. Coli (per 100 mL) Ir Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	norganic (mg/l	0.019 0.005 10	126 chronic TVS 0.75 250 0.011 0.05	Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS TVS 50(T) TVS TVS TVS TVS	TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPCP15	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese		TVS
		Chlorine	0.019	0.011	Manganese	TVS	WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

16. Reservoir #4 (T 9 N, R 68 W), Water Supply Reservoir #3 (T 8 N, R 68 W), Claymore Lake, College Lake, Dixon Reservoir, Robert Benson Lake, Black Hollow Reservoir, Seeley Lake.

COSPCP16	Classifications	Physical and Biolo	gical		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		_
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)		20*	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	E. Coli (per 100 mL)		126	Chromium III		100(T)
and reservoirs	larger than 25 acres surface area.	Inorganic (mg	g/L)		Chromium VI	TVS	TVS
facilities listed	chronic) = applies only above the at 38.5(4), applies only to lakes and		acute	chronic	Copper	TVS	TVS
reservoirs larg	er than 25 acres surface area.	Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum		150(T)
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.083*	Silver	TVS	TVS
		Sulfate			Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

COSPCP17	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
W	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
ualifiers:	1	D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
ther:		pH	6.5 - 9.0		Cadmium	5.0(T)	
dioi.		chlorophyll a (ug/L)			Chromium III	50(T)	TVS
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
		Inorgan	nic (mg/L)		Iron		WS
		illorgan	acute	chronic	Iron		1000(T)
		Ammonio	TVS	TVS	Lead	TVS	TVS
		Ammonia					173
		Boron		0.75	Lead Manganese	50(T) TVS	TVS
		Chloride	0.010	250			WS
		Chlorine	0.019	0.011	Manganese Mercury		
		Cyanide	0.005		•		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate	-	WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
0. All lales		Davids Divertise the boundaries	in of Donly Mount	-:- NI-4:II	Zinc	TVS	TVS
	nd reservoirs tributary to the Cache La			ain National I	Zinc	TVS	
oudre Wilder			iversion.	ain National I	Zinc	TVS	
OSPCP18	ness Areas to the Munroe Gravity Car	nal/North Poudre Supply canal di	iversion.	ain National I	Zinc	TVS ota, Comanche Peak, a	
	ness Areas to the Munroe Gravity Car Classifications	nal/North Poudre Supply canal di	iversion. Biological		Zinc	TVS ota, Comanche Peak, a Metals (ug/L)	and Cache La
oudre Wilder OSPCP18 esignation	ness Areas to the Munroe Gravity Car Classifications Agriculture	nal/North Poudre Supply canal di Physical and	iversion. Biological DM	MWAT	Zinc Park, and the Rawah, Neo	TVS ota, Comanche Peak, a Metals (ug/L)	and Cache La
oudre Wilder OSPCP18 esignation	ness Areas to the Munroe Gravity Car Classifications Agriculture Aq Life Cold 1	nal/North Poudre Supply canal di Physical and	Biological DM CL,CLL	MWAT CL,CLL	Zinc Park, and the Rawah, Neo Aluminum	TVS ota, Comanche Peak, a Metals (ug/L) acute	chronic
oudre Wilder OSPCP18 esignation eviewable	rness Areas to the Munroe Gravity Car Classifications Agriculture Aq Life Cold 1 Recreation E	nal/North Poudre Supply canal di Physical and Temperature °C	DM CL,CLL acute	MWAT CL,CLL chronic	Zinc Park, and the Rawah, Ned Aluminum Arsenic	TVS ota, Comanche Peak, a Metals (ug/L) acute 340	chronic 0.02(T)
oudre Wilder OSPCP18 esignation eviewable dualifiers:	rness Areas to the Munroe Gravity Car Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T)
oudre Wilder OSPCP18 resignation reviewable reviewable reviewable	rness Areas to the Munroe Gravity Car Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Cadmium	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
oudre Wilder OSPCP18 esignation leviewable tualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
oudre Wilder OSPCP18 lesignation leviewable leualifiers: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
oudre Wilder OSPCP18 lesignation leviewable leualifiers: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS
oudre Wilder OSPCP18 lesignation leviewable leualifiers: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL,CLL acute 6.5 - 9.0 sic (mg/L)	MWAT CL,CLL chronic 6.0 7.0 8* 126	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS
oudre Wilder OSPCP18 esignation eviewable uualifiers: ther: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	iversion. Biological DM CL,CLL acute 6.5 - 9.0 clic (mg/L) acute	MWAT CL,CLL chronic 6.0 7.0 8* 126	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS WS 1000(T)
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS TVS TVS TVS TVS TVS
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: hlorophyll a nd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	nal/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	iversion. Biological	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	chronic 0.02(T) TVS TVS TVS TVS TVS TVS SUS 1000(T) TVS WS
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	al/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	TVS ota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: hlorophyll a nd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	al/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	iversion. Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t)
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: hlorophyll a nd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	nal/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrite	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS STVS USS 1000(T) TVS WS 0.01(t) 150(T)
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: hlorophyll a dd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	al/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	iversion. Biological DM CL,CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS
oudre Wilder DSPCP18 esignation eviewable ualifiers: ther: hlorophyll a d reservoirs hosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	nal/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrite	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: hlorophyll a nd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	al/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t)
oudre Wilder OSPCP18 esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.chronic) = applies only to lakes and	al/North Poudre Supply canal di Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	iversion. Biological DM CL,CLL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Zinc Park, and the Rawah, Ned Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	TVS tota, Comanche Peak, a Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TV	chronic 0.02(T) TVS TVS TVS TVS TVS S 1000(T) TVS TVS US 1000(T) TVS US 0.01(t) 150(T) TVS

19. All lakes and reservoirs tributary to the North Fork of the Cache La Poudre River from the source to the inlet of Halligan Reservoir.

COSPCP19	Classifications	Physi	cal and Biologic	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CL	CL	Aluminum		
	Recreation E			acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)			6.0	Beryllium		
Qualifiers:		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
Other:		pH		6.5 - 9.0		Cadmium	5.0(T)	
		chlorophyll a (ug/L)			8*	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
	s larger than 25 acres surface area. chronic) = applies only above the					Copper	TVS	TVS
	at 38.5(4), applies only to lakes and		Inorganic (mg/L	_)		Iron		WS
eservoirs larg	ger than 25 acres surface area.			acute	chronic	Iron		1000(T)
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead	50(T)	
		Chloride			250	Manganese	TVS	TVS
		Chlorine		0.019	0.011	Manganese		WS
		Cyanide		0.005		Mercury		0.01(t)
		Nitrate		10		Molybdenum		150(T)
		Nitrite			0.05	Nickel	TVS	TVS
		Phosphorus			0.025*	Nickel		100(T)
		Sulfate			WS	Selenium	TVS	TVS
		Sulfide			0.002	Silver	TVS	TVS(tr)
						Uranium		
						Zinc	TVS	TVS
	and reservoirs tributary to the North Fo		e River from the	inlet of Ha	lligan Reservo	oir to the confluence wit	h the Cache La Poudre	River. This
egment inclu	and reservoirs tributary to the North Fo ides Halligan Reservoir and Seaman R Classifications	Reservoir.	e River from the		lligan Reservo	pir to the confluence wit	h the Cache La Poudre Metals (ug/L)	River. This
egment inclu	des Halligan Reservoir and Seaman F	Reservoir.			lligan Reservo	pir to the confluence wit		River. This
egment inclu COSPCP20 Designation	des Halligan Reservoir and Seaman F	Reservoir.		cal		oir to the confluence wit	Metals (ug/L)	
egment inclu COSPCP20 Designation	des Halligan Reservoir and Seaman F Classifications Agriculture	Reservoir. Physi	cal and Biologic	cal DM	MWAT		Metals (ug/L)	chronic
egment inclu OSPCP20 Designation	des Halligan Reservoir and Seaman F Classifications Agriculture Aq Life Cold 2	Physi Temperature °C	cal and Biologic	DM CL,CLL	MWAT CL,CLL	Aluminum	Metals (ug/L) acute	chronic
	des Halligan Reservoir and Seaman F Classifications Agriculture Aq Life Cold 2 Recreation E	Physi Temperature °C	cal and Biologic	DM CL,CLL	MWAT CL,CLL	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
egment inclu COSPCP20 Designation Reviewable	des Halligan Reservoir and Seaman F Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physi Temperature °C	cal and Biologic	CAI DM CL,CLL CLL*	MWAT CL,CLL 22.5*	Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	chronic 0.02(T)
egment inclu COSPCP20 Designation Reviewable Qualifiers:	des Halligan Reservoir and Seaman F Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physi Temperature °C Temperature °C	cal and Biologic	CAI DM CL,CLL CLL*	MWAT CL,CLL 22.5* chronic	Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02(T)
egment inclu OSPCP20 lesignation leviewable lualifiers: Vater + Fish	des Halligan Reservoir and Seaman Ficalisations Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physi Temperature °C Temperature °C D.O. (mg/L)	cal and Biologic	CAI DM CL,CLL CLL* acute	MWAT CL,CLL 22.5* chronic 6.0	Aluminum Arsenic Beryllium Cadmium Cadmium	Metals (ug/L) acute 340 TVS(tr) 5.0(T)	chronic 0.02(T) TVS
egment inclu OSPCP20 Pesignation Leviewable Rualifiers: Vater + Fish Other:	des Halligan Reservoir and Seaman F Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning)	cal and Biologic	DM CL,CLL CLL* acute	MWAT CL,CLL 22.5* chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T)	chronic 0.02(T) TVS TVS
egment inclu OSPCP20 lesignation leviewable lualifiers: later + Fish other: chlorophyll a le facilities lis nd reservoirs	des Halligan Reservoir and Seaman Fical Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	cal and Biologic	DM CL,CLL CLL* acute 6.5 - 9.0	MWAT CL,CLL 22.5* chronic 6.0 7.0	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS
egment inclu OSPCP20 esignation eviewable dualifiers: Vater + Fish other: chlorophyll a ne facilities lis nd reservoirs Phosphorus(des Halligan Reservoir and Seaman Fical Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	cal and Biologic	CAL CL,CLL CLL* acute 6.5 - 9.0	MWAT CL,CLL 22.5* chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS
egment inclu OSPCP20 esignation eviewable ualifiers: /ater + Fish tther: chlorophyll a le facilities listed eservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologic	Cal DM CL,CLL CLL* acute 6.5 - 9.0	MWAT CL,CLL 22.5* chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	chronic 0.02(T) TVS TVS TVS TVS WS
egment inclu OSPCP20 esignation eviewable ualifiers: /ater + Fish tther: chlorophyll a le facilities listed eservoirs large	des Halligan Reservoir and Seaman Fical Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only above the lat 38.5(4), applies only to lakes and	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologic 1/1 - 3/31 4/1 - 12/31	Cal DM CL,CLL CLL* acute 6.5 - 9.0	MWAT CL,CLL 22.5* chronic 6.0 7.0 8*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
egment inclu OSPCP20 esignation eviewable ualifiers: /ater + Fish tther: chlorophyll a le facilities listed eservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologic 1/1 - 3/31 4/1 - 12/31	Cal DM CL,CLL CLL* acute 6.5 - 9.0	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T)
egment inclu OSPCP20 esignation eviewable ualifiers: /ater + Fish tther: chlorophyll a le facilities listed eservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physi Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL CLL* acute 6.5 - 9.0 acute	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS TVS WS 1000(T) TVS
egment inclu OSPCP20 lesignation leviewable	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physi Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL CLL* acute 6.5 - 9.0 acute TVS	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	### Metals (ug/L) ### acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS	chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS
egment inclu OSPCP20 esignation eviewable ualifiers: /ater + Fish tther: chlorophyll a le facilities listed eservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physi Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL* acute 6.5 - 9.0 acute TVS	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
egment inclu OSPCP20 lesignation leviewable	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physi Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL* acute 6.5 - 9.0 TVS 0.019	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS S TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
egment inclu OSPCP20 lesignation leviewable	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physi Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL CLL* acute 6.5 - 9.0 1) acute TVS 0.019 0.005	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS
egment inclu COSPCP20 Designation Reviewable Qualifiers: Vater + Fish Other: Chlorophyll a ne facilities list ne facilities listed deservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physi Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	cal and Biologic 1/1 - 3/31 4/1 - 12/31	Cal DM CL,CLL CLL* acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	### Metals (ug/L) ### acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS SUS 1000(T) TVS WS 0.01(t) 150(T) TVS
egment inclu COSPCP20 Designation Reviewable Qualifiers: Vater + Fish Other: Chlorophyll a ne facilities list ne facilities listed deservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL CLL* acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	### Metals (ug/L) ### acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
egment inclu COSPCP20 Designation Reviewable Qualifiers: Vater + Fish Other: Chlorophyll a ne facilities list ne facilities listed deservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	cal and Biologic 1/1 - 3/31 4/1 - 12/31	Cal DM CL,CLL CLL* acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium Silver	### Metals (ug/L) ### acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS 100(T) TVS TVS TVS TVS
egment inclu COSPCP20 Designation Reviewable Qualifiers: Vater + Fish Other: chlorophyll a ne facilities listen deservoirs Phosphorus(acilities listed deservoirs large	classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards (ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	cal and Biologic 1/1 - 3/31 4/1 - 12/31	cal DM CL,CLL CLL* acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CL,CLL 22.5* chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Mercury Molybdenum Nickel Nickel Selenium	### Metals (ug/L) ### acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS TVS TVS TVS TVS TVS T	Chronic 0.02(T) TVS TVS TVS TVS WS 1000(T) TVS WS 0.01(t) 150(T) TVS

COSPCP21	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)	_	5.0	Beryllium	_	
	DUWS*	pН	6.5 - 9.0		Cadmium	TVS	TVS
Qualifiers:		chlorophyll a (ug/L)	_	20*	Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	•	acute	chronic	Copper	TVS	TVS
	s larger than 25 acres surface area. n: DUWS applies to North Poudre	Ammonia	TVS	TVS	Iron		WS
Reservoir No.	3 only.	Boron		0.75	Iron		1000(T)
	chronic) = applies only above the at 38.5(4), applies only to lakes and	Chloride		250	Lead	TVS	TVS
	ger than 25 acres surface area.	Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.083*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
		Sullide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		173
							T) (O
					Zinc	TVS	TVS
22. Fossil Cre	ek Reservoir.				l		
COSPCP22	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)	_	5.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (ug/L)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
		- 3	acute	chronic	Copper	TVS	TVS
				TVS	Iron	_	1000(T)
		Ammonia	TVS				, ,
		Ammonia	TVS		Lead	TVS	IVS
		Boron		0.75	Lead Manganese	TVS TVS	TVS
		Boron Chloride		0.75	Manganese	TVS	TVS
		Boron Chloride Chlorine	 0.019	0.75 0.011	Manganese Mercury	TVS 	TVS 0.01(t)
		Boron Chloride Chlorine Cyanide	 0.019 0.005	0.75 0.011	Manganese Mercury Molybdenum	TVS 	TVS 0.01(t) 150(T)
		Boron Chloride Chlorine Cyanide Nitrate	0.019 0.005	0.75 0.011 	Manganese Mercury Molybdenum Nickel	TVS TVS	TVS 0.01(t) 150(T) TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100	0.75 0.011 0.5	Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS 0.01(t) 150(T) TVS TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005	0.75 0.011 0.5	Manganese Mercury Molybdenum Nickel Selenium Silver	TVS TVS TVS TVS	TVS 0.01(t) 150(T) TVS TVS
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100	0.75 0.011 0.5	Manganese Mercury Molybdenum Nickel Selenium	TVS TVS TVS	TVS 0.01(t) 150(T) TVS TVS

1. All tributaries	s to the Laramie River, including all w	retlands, which are within the Rawah V	/ilderness Are	a.	_		
COSPLA01	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2021				Copper	TVS	TVS
		Inorganic (m	g/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
2a. Mainstem of specific listings	of the Laramie River from the source	to the National Forest boundary, and a	ll tributaries ar	nd wetlands,	from the source to the Co	lorado/Wyoming borde	er, except for
	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture	1	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium III	50(T)	TVS
Arsenic(chronic	, ,	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
-	e of 12/31/2021				Copper	TVS	TVS
,		Inorganic (m	g/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury	_	0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
		Sulfide		0.002	Silver Uranium	TVS	TVS(tr)
					Silver Uranium Zinc	TVS TVS	TVS(tr) TVS

■ L wanstell (of the Editable River holli the National	Forest boundary to the Colorado	vvvyoning boluei.				
COSPLA02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium III	50(T)	TVS
Arsenic(chronic		E. Coli (per 100 mL)	_	126	Chromium VI	TVS	TVS
•	e of 12/31/2021				Copper	TVS	TVS
		Inorgani	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS
3. All lakes and	d reservoirs tributary to the Laramie Riv	ver within the Rawah Wilderness	Area.		•		
COSPLA03	01						
	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture	Physical and I	Biological DM	MWAT		Metals (ug/L) acute	chronic
OW	Agriculture Aq Life Cold 1	Physical and I		MWAT CL	Aluminum		chronic
OW	Agriculture Aq Life Cold 1 Recreation E		DM		Aluminum Arsenic	acute	chronic 0.02(T)
OW	Agriculture Aq Life Cold 1		DM CL	CL		acute	
OW	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CL acute	CL	Arsenic	acute 340	 0.02(T)
OW	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CL acute	CL chronic 6.0	Arsenic Beryllium	acute 340 	 0.02(T)
OW Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium	acute 340 TVS(tr)	0.02(T) TVS
OW Qualifiers: Other: *chlorophyll a (and reservoirs	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic Beryllium Cadmium Cadmium	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS
OW Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III	acute 340 TVS(tr) 5.0(T)	 0.02(T) TVS TVS
OW Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) 5.0(T) 50(T) TVS	 0.02(T) TVS TVS TVS
OW Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS
OW Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS WS
OW Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 cc (mg/L) acute	CL chronic 6.0 7.0 8* 126	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T)
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	DM CL acute 6.5 - 9.0 c (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T)	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	DM CL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS TVS 50(T) TVS 50(T) TVS	0.02(T) TVS TVS TVS TVS TVS WS 1000(T) TVS TVS WS
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	DM CL acute 6.5 - 9.0 10 (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t)
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CL acute 6.5 - 9.0 1c (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T)
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	CL acute 6.5 - 9.0 10 (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS	
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CL acute 6.5 - 9.0 10 (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS	
Qualifiers: Other: *chlorophyll a (and reservoirs *Phosphorus(c	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron Iron Lead Lead Manganese Manganese Mercury Molybdenum Nickel Nickel Selenium	acute 340 TVS(tr) 5.0(T) 50(T) TVS TVS TVS 50(T) TVS 50(T) TVS TVS 50(T) TVS TVS TVS TVS TVS	0.02(T) TVS TVS TVS TVS WS 1000(T) TVS TVS WS 0.01(t) 150(T) TVS 100(T) TVS

COSPLA04	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		рН	6.5 - 9.0		Cadmium	5.0(T)	
ماليط مصماطة	(us/l)/abrasia) – applica aphyta lakaa	chlorophyll a (ug/L)		8*	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Copper	TVS	TVS
cocivono laig	or than 20 doles surface area.	Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron		1000(T)
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.025*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower South Platte River Basin

1. Mainstem of	f the South Platte River from the Weld/	Morgan County line to the Colora	do/Nebraska bord	er.			
COSPLS01	Classifications	Physical and I				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Water + Fish	Standards	chlorophyll a (mg/m²)			Cadmium	5.0(T)	
Other:		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
Temporary M	odification(s).	Inorgani	c (ma/L)		Chromium VI	TVS	TVS
Arsenic(chroni	* *	. 3	acute	chronic	Copper	TVS	TVS
,	e of 12/31/2021	Ammonia	TVS	TVS	Iron		WS
,		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide			Nickel		100(T)
		Sunde		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	 T/(2	 T\/C
2a All tributari	ies to the South Platte River, including	all wetlands from the Weld/Moro	an County line to t	he Colorado	Zinc	TVS	TVS s in Seament 2h
	Classifications	Physical and E		ne Colorado/	Nebraska border, except	Metals (ug/L)	3 III Segment 2b.
Designation	Agriculture	,	DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		4.0(T)
Qualifiers:		pH	6.5 - 9.0		Cadmium	5.0(T)	10(T)
Other:		chlorophyll a (mg/m²)		150*	Chromium III	50(T)	100(T)
Other.		E. Coli (per 100 mL)		205	Chromium VI	50(T)	100(T)
	(mg/m²)(chronic) = applies only above	, ,		200	Copper	30(1)	200(T)
the facilities lis	sted at 38.5(4). chronic) = applies only above the	Inorgani	acute	chronic	Iron		200(1) WS
facilities listed		Ammonia			Lead	50(T)	100(T)
		Ammonia		0.75	Manganese		WS
		Boron		0.75	Mercury		VV 3
		Chloride		250	Molybdenum		150(T)
					worybuerium		150(T)
		Chlorine			Nickel		100/T)
		Cyanide	0.2		Nickel		100(T)
		Cyanide Nitrate	0.2 10		Selenium		100(T) 20(T)
		Cyanide Nitrate Nitrite	0.2 10 	1.0	Selenium Silver	 100(T)	
		Cyanide Nitrate Nitrite Phosphorus	0.2 10 	1.0 0.17*	Selenium Silver Uranium	 100(T) 	20(T)
		Cyanide Nitrate Nitrite	0.2 10 	1.0	Selenium Silver	 100(T)	

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower South Platte River Basin

2b. All tributaries to the South Platte River, including all wetlands, north of the South Platte River and below 4,500 feet in elevation in Morgan County, north of the South Platte River in Washington County, north of the South Platte River and below 4,200 feet in elevation in Logan County, north of the South Platte River and below 3,700 feet in elevation in Sedgwick County, and the mainstems of Beaver Creek, Bijou Creek and Kiowa Creek from their sources to the confluence with the South Platte River, except for the portion of Beaver Creek from its source to the Fort Morgan Canal.

COSPLS02B	from its source to the Fort Morgan Can Classifications	Physic	al and Biologic	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C		WS-II	WS-II	Aluminum		
	Recreation E	·		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)			5.0	Beryllium		
Other:		pН		6.5 - 9.0		Cadmium	TVS	TVS
		chlorophyll a (mg/m²)			150*	Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).	E. Coli (per 100 mL)			126	Chromium III		100(T)
*Phosphorus(c	chronic) = applies only above the	Ir	organic (mg/L	.)		Chromium VI	TVS	TVS
facilities listed	at 38.5(4).			acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		1000(T)
		Boron			0.75	Lead	TVS	TVS
		Chloride				Manganese	TVS	TVS
		Chlorine		0.019	0.011	Mercury		0.01(t)
		Cyanide		0.005		Molybdenum		150(T)
		Nitrate		100		Nickel	TVS	TVS
		Nitrite			0.5	Selenium	TVS	TVS
		Phosphorus			0.17*	Silver	TVS	TVS
		Sulfate				Uranium		
		Sulfide			0.002	Zinc	TVS	TVS
3. Jackson Re	servoir, Prewitt Reservoir, North Sterlir	I ıg Reservoir, Jumbo (Jule	sburg), Riversi	de Reservo	ir, Empire Re	Leservoir, and Vancil Reser	voir.	
COSPLS03	Classifications	Physic	al and Biologic	cal			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C		WL	WL	Aluminum		
	Recreation E	Temperature °C	4/1 - 12/31	WL*	26.1*	Arsenic	340	0.02(T)
	Water Supply	Temperature °C	4/1 - 12/31	WL*	27*	Beryllium	_	
Qualifiers:		Temperature °C	4/1 - 12/31	WL*	28.1*	Cadmium	TVS	TVS
Other:						Cadmium	5.0(T)	
				acute	chronic	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	D.O. (mg/L)			5.0	Chromium VI	TVS	TVS
and reservoirs	larger than 25 acres surface area. chronic) = applies only above the	рН		6.5 - 9.0		Copper	TVS	TVS
facilities listed	at 38.5(4), applies only to lakes and	chlorophyll a (ug/L)			20*	Iron	_	WS
	er than 25 acres surface area. (4/1 - 12/31) = North Sterling Res.	E. Coli (per 100 mL)			126	Iron		1000(T)
(MWAT=26.1)	,	Ir	organic (mg/L	.)		Lead	TVS	TVS
*Temperature((MWAT=27)	(4/1 - 12/31) = Jumbo Reservoir			acute	chronic	Lead	50(T)	
Temperature((MWAT=28.1)	(4/1 - 12/31) = Jackson Reservoir	Ammonia		TVS	TVS	Manganese	TVS	TVS
(IVIVVA I =26.1)		Boron			0.75	Manganese		WS
		Chloride			250	Mercury	_	0.01(t)
				0.040	0.044	Molybdenum		150(T)
		Chlorine		0.019	0.011			
		Chlorine Cyanide		0.019	0.011	Nickel	TVS	TVS
								TVS 100(T)
		Cyanide		0.005		Nickel	TVS	
		Cyanide Nitrate		0.005		Nickel Nickel	TVS 	100(T)
		Cyanide Nitrate Nitrite		0.005	0.5	Nickel Nickel Selenium	TVS TVS	100(T) TVS
		Cyanide Nitrate Nitrite Phosphorus		0.005	 0.5 0.083*	Nickel Nickel Selenium Silver	TVS TVS TVS	100(T) TVS

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower South Platte River Basin

4. All lakes and	d reservoirs tributary to the South Platt	e River from the Weld/Morgan County	line to the Co	olorado/Nebra	aska border, except for	specific listings in Segr	ments 3 and 5.
COSPLS04	Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation P		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		4.0(T)
Qualifiers:		pH	6.5 - 9.0		Cadmium	5.0(T)	10(T)
Other:		chlorophyll a (ug/L)		20*	Chromium III	50(T)	100(T)
		E. Coli (per 100 mL)		205	Chromium VI	50(T)	100(T)
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Inorganic (mg/L)			Copper		200(T)
and reservoirs	larger than 25 acres surface area.		acute	chronic	Iron		WS
facilities listed	at 38.5(4), applies only to lakes and	Ammonia			Iron		1000(T)
reservoirs larg	er than 25 acres surface area.	Boron		0.75	Lead	50(T)	100(T)
		Chloride		250	Manganese	TVS	TVS
		Chlorine			Manganese		WS
		Cyanide	0.2		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.5	Nickel		100(T)
		Phosphorus		0.083*	Selenium		20(T)
		Sulfate		WS	Silver	100(T)	
		Sulfide		0.002	Uranium		
					Zinc		2000(T)

5. All lakes and reservoirs tributary to the South Platte River north of the South Platte River and below 4,500 feet in elevation in Morgan County, north of the South Platte River in Washington County, north of the South Platte River and below 4,200 feet in elevation in Logan County, north of the South Platte River and below 3,700 feet in elevation in Sedgwick County, and the mainstems of Beaver Creek, Bijou Creek and Kiowa Creek from their sources to the confluence with the South Platte River, except for those specific listings in Segment 3.

COSPLS05	Classifications	Physical and Biolo	gical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02-10(T) A
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only above sted at 38.5(4), applies only to lakes	Inorganic (mg/L)		Chromium VI	TVS	TVS	
and reservoirs	larger than 25 acres surface area.		acute	chronic	Copper	TVS	TVS
facilities listed	at 38.5(4), applies only to lakes and	Ammonia	TVS	TVS	Iron		WS
reservoirs larg	er than 25 acres surface area.	Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		ws
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.083*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

COSPRE01	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)			Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron		1000(T)
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus			Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
2. Deleted.					1		
COSPRE02	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	=		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgan	ic (mg/L)				
			acute	chronic			

3. Mainstem o	of the North Fork of the Republican Rive	er from the source to the Colorado	/Nebraska border	and the mai	nstem of Chief Creek.		
COSPRE03	Classifications	Physical and B	iological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		6.0	Beryllium		
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS(tr)	TVS
Other:		pH	6.5 - 9.0		Cadmium	5.0(T)	
Temporary M	flodification(s):	chlorophyll a (mg/m²)		150*	Chromium III	50(T)	TVS
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	te of 12/31/2021				Copper	TVS	TVS
*oblerenbyll e	(ma/m²)(abrania) = applies aply above	Inorganio	: (mg/L)		Iron		WS
	(mg/m^2) (chronic) = applies only above sted at 38.5(4).		acute	chronic	Iron		1000(T)
*Phosphorus(facilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Lead	TVS	TVS
raciiilles listeu	1 at 30.5(4).	Boron		0.75	Lead	50(T)	
		Chloride		250	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese		WS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.11*	Nickel		100(T)
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		Sunde		0.002	Uranium		
					Zinc	TVS	TVS
4 Mainstem o	of the Arikaree River from the confluenc	e of the North and South Forks to	the Colorado/Kan	sas border	Ziilo	110	1 4 0
COSPRE04	Classifications	Physical and B				Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	7.6(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS	TVS
Other.		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		100(T)
		Inorganic	· (ma/l)		Chromium VI	TVS	TVS
		morganic	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		1000(T)
		Boron		0.75	Lead	TVS	TVS
		Chloride		0.75	Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury		0.01(t)
					Molybdenum		150(T)
		Cyanide	0.005				
		Nitrate	100		Nickel	TVS	TVS
		Nitrite		0.5	Selenium	TVS	TVS
		Phosphorus		0.17	Silver	TVS 	TVS
		Sulfate Sulfide		0.002	Uranium Zinc	TVS	TVS

COSPRE05	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Aluminum		
	Recreation E	- Process	acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		
Qualifiers:	1	pH	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150	Cadmium	5.0(T)	
Other.		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
				120	Chromium VI	TVS	TVS
		illorgan	nic (mg/L)	abrania	Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS			1000(T)
		Boron		0.75	Iron		
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite		0.5	Mercury		0.01(t)
		Phosphorus		0.17	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS
	es to the Republican River system in Co	<u>-</u>		tings in Segr	Zinc ments 1, 3, 4 and 5.	TVS	
COSPRE06	Classifications	lorado, including all wetlands, e	Biological		Zinc ments 1, 3, 4 and 5.	TVS Metals (ug/L)	TVS
COSPRE06 Designation	Classifications Agriculture	<u>-</u>	Biological DM	MWAT	Zinc ments 1, 3, 4 and 5.	TVS	TVS
COSPRE06 Designation	Classifications Agriculture Aq Life Warm 2	<u>-</u>	Biological DM WS-I	MWAT WS-I	Zinc ments 1, 3, 4 and 5.	TVS Metals (ug/L)	
COSPRE06 Designation JP	Classifications Agriculture	Physical and Temperature °C	Biological DM	MWAT	Zinc ments 1, 3, 4 and 5.	TVS Metals (ug/L) acute	TVS
COSPRE06 Designation JP	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-I	MWAT WS-I	Zinc nents 1, 3, 4 and 5. Aluminum	TVS Metals (ug/L) acute	chronic
COSPRE06 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C	Biological DM WS-I acute	MWAT WS-I chronic	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic	Metals (ug/L) acute 340	chronic 100(T)
COSPRE06 Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation P	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-I acute	MWAT WS-I chronic 5.0	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium	Metals (ug/L) acute 340	Chronic 100(T) 100(T)
COSPRE06 Designation JP Qualifiers: Other: 'chlorophyll a he facilities lis	Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4).	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium	Metals (ug/L) acute 340	Chronic 100(T) 10(T)
COSPRE06 Designation UP Qualifiers: Other: 'chlorophyll a the facilities list' Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 150*	Zinc nents 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III	TVS Metals (ug/L) acute 340	Chronic 100(T) 100(T) 100(T)
COSPRE06 Designation UP Qualifiers: Other: 'chlorophyll a the facilities list' Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0	MWAT WS-I chronic 5.0 150*	Zinc nents 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI	TVS Metals (ug/L) acute 340	Chronic 100(T) 100(T) 100(T) 100(T) 100(T)
COSPRE06 Designation UP Qualifiers: Other: Ichlorophyll a he facilities lister phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L)	MWAT WS-I chronic 5.0 150* 205	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper	TVS Metals (ug/L) acute 340	Chronic 100(T) 100(T) 100(T) 100(T) 100(T)
COSPRE06 Designation UP Qualifiers: Other: 'chlorophyll a the facilities list' Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute	MWAT WS-I chronic 5.0 150* 205 chronic	Zinc nents 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron	TVS Metals (ug/L) acute 340	Chronic
COSPRE06 Designation UP Qualifiers: Other: Ichlorophyll a he facilities lister phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute	MWAT WS-I chronic 5.0 150* 205 chronic	Zinc nents 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead	TVS Metals (ug/L) acute 340	Chronic 100(T) 100(T) 100(T) 100(T) 200(T) 100(T)
COSPRE06 Designation JP Qualifiers: Other: Ichlorophyll a he facilities lis Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute	MWAT WS-I chronic 5.0 150* 205 chronic 0.75	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	TVS Metals (ug/L) acute 340	TVS chronic 100(T) 100(T) 100(T) 100(T) 200(T) 100(T)
COSPRE06 Designation UP Qualifiers: Other: Ichlorophyll a he facilities lister phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute	MWAT WS-I chronic 5.0 150* 205 chronic 0.75	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury	TVS Metals (ug/L) acute 340	TVS chronic 100(T) 100(T) 100(T) 100(T) 200(T) 100(T)
COSPRE06 Designation UP Qualifiers: Other: 'chlorophyll a the facilities list' Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute	MWAT WS-I chronic 5.0 150* 205 chronic 0.75	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum	TVS Metals (ug/L) acute 340	Chronic
COSPRE06 Designation UP Qualifiers: Other: 'chlorophyll a the facilities list' Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute 0.2	MWAT WS-I chronic 5.0 150* 205 chronic 0.75	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel	TVS Metals (ug/L) acute 340	TVS chronic 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 150(T) 200(T)
COSPRE06 Designation UP Qualifiers: Other: 'chlorophyll a the facilities list' Phosphorus(Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-I acute 6.5 - 9.0 sic (mg/L) acute 0.2 100	MWAT WS-I chronic 5.0 150* 205 chronic 0.75 10	Zinc ments 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium	TVS Metals (ug/L) acute 340	TVS chronic 100(T) 100(T) 100(T) 100(T) 200(T) 100(T) 150(T) 200(T)
COSPRE06 Designation UP Qualifiers: Other: *chlorophyll a the facilities lis	Classifications Agriculture Aq Life Warm 2 Recreation P (mg/m²)(chronic) = applies only above sted at 38.5(4). chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-I acute 6.5 - 9.0 nic (mg/L) acute 0.2 100	MWAT WS-I chronic 5.0 150* 205 chronic 0.75	Zinc nents 1, 3, 4 and 5. Aluminum Arsenic Beryllium Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Silver	TVS Metals (ug/L) acute 340	TVS chronic 100(T) 100(T) 100(T) 100(T) 200(T) 150(T) 200(T) 200(T) 200(T)

COSPRE07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		
	Recreation N		acute	chronic	Arsenic	340	100(T)
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		100(T)
Other:		pH	6.5 - 9.0		Cadmium		10(T)
		chlorophyll a (mg/m²)			Chromium III		100(T)
Phosphorus(acilities listed	chronic) = applies only above the at 38.5(4).	E. Coli (per 100 mL)		630	Chromium VI		100(T)
	d. 55.5(1).	Inorgan	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		
		Ammonia			Lead		100(T)
		Boron		0.75	Manganese		
		Chloride			Mercury		
		Chlorine			Molybdenum		150(T)
		Cyanide	0.2		Nickel		200(T)
		Nitrate	100		Selenium		20(T)
		Nitrite		10	Silver		
		Phosphorus		0.17*	Uranium		
		Sulfate			Zinc		2000(T)
		Sulfide					
3. All lakes ar	d reservoirs tributary to the Republic	an and Smoky Hill Rivers in Colora	ado, except for spec	cific listings ir	n Segment 9.		
COSPRE08	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		-
	Recreation U		acute	chronic	Arsenic	340	0.02-10(T)
	Water Supply	D.O. (mg/L)		5.0	Beryllium		4.0(T)
Qualifiers:		pH	6.5 - 9.0		Cadmium	5.0(T)	10(T)
Other:		chlorophyll a (mg/m²)			Chromium III	50(T)	100(T)
		E. Coli (per 100 mL)		126	Chromium VI	50(T)	100(T)
		Inorgan	ic (mg/L)		Copper		200(T)
			acute	chronic	Iron		WS
		Ammonia			Iron		1000(T)
		Boron		0.75	Lead	50(T)	100(T)
		Chloride		250	Manganese	TVS	TVS
		Chlorine			Manganese		WS
		Cyanide	0.2		Mercury		0.01(t)
		Nitrate	10		Molybdenum		150(T)
		N 11/2 1/2		0.5	Nickel		100(T)
		Nitrite			10		
		Nitrite Phosphorus			Selenium		20(T)
				 WS	Selenium	100(T)	20(1)
		Phosphorus					

9. Bonny Rese	ervoir, Stalker Lake.						
COSPRE09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	0.02(T)
	Water Supply	D.O. (mg/L)	-	5.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Cadmium	5.0(T)	
		E. Coli (per 100 mL)		126	Chromium III	50(T)	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorgan	Inorganic (mg/L)		Chromium VI	TVS	TVS
	chronic) = applies only to lakes and er than 25 acres surface area.		acute	chronic	Copper	TVS	TVS
reservoirs rarg	er than 20 acres surface area.	Ammonia	TVS	TVS	Iron	_	WS
		Boron		0.75	Iron		1000(T)
		Chloride	-	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead	50(T)	
		Cyanide	0.005		Manganese	TVS	TVS
		Nitrate	10		Manganese		WS
		Nitrite	-	0.05	Mercury		0.01(t)
		Phosphorus		0.083*	Molybdenum		150(T)
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel		100(T)
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

Table 2 SITE SPECIFIC RADIONUCLIDE STANDARDS*

(in Picocuries/Liter, except as noted)

The radionuclides listed below shall be maintained at the lowest practical level and in no case shall they be increased by any cause attributable to municipal, industrial, or agricultural practices to exceed the site specific numeric standards.

A. Ambient ba	sed site-specific stan	dards:		
	Segment 2 Standley Lake	Segment 3 Great Western Reservoir	Segment 4a Segment 5 Woman Creek	Segment 4a Segment 4b Segment 5 Walnut Creek
Gross Alpha	6	5		
Gross Beta	9	12		
Plutonium	.03	.03	0.15** ***	0.15** ***
Americium	.03	.03	0.15** ***	0.15** ***
Tritium	500	500	500	500
Uranium	3	4	16.8 μg/l	16.8 μg/l
B. Other site-specif	ic standard applicable	e to segments 2,3,4a,	4b, and 5.	
Curium	60	60	60	60
Neptunium	30	30	30	30

^{*}Statewide standards also apply for radionuclides not listed above.

^{**0.15}pCi/l Statewide Basic Standards.

^{***}For plutonium and americium measurements in Segment 5 in Woman Creek and Segment 5 in Walnut Creek, attainment will be assessed based on the results of a 12-month flow-weighted rolling average concentration (computed monthly).

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

- A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.
- B) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.

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Tracking number: 2015-00764

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-38

REGULATION NO. 38 - CLASSIFICATIONS AND NUMERIC STANDARDS SOUTH PLATTE RIVER BASIN LARAMIE RIVER BASIN REPUBLICAN RIVER BASIN SMOKY HILL RIVER BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Jage

January 29, 2016 11:22:36

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-38

Rule title

5 CCR 1002-38 REGULATION NO. 38 - CLASSIFICATIONS AND NUMERIC STANDARDS SOUTH PLATTE RIVER BASIN LARAMIE RIVER BASIN REPUBLICAN RIVER BASIN SMOKY HILL RIVER BASIN 1 - eff 06/30/2016

Effective date

06/30/2016

WATER QUALITY CONTROL COMMISSION

5 CCR 1002-38

REGULATION NO. 38 CLASSIFICATIONS AND NUMERIC STANDARDS FOR

SOUTH PLATTE RIVER BASIN, LARAMIE RIVER BASIN REPUBLICAN RIVER BASIN, SMOKY HILL RIVER BASIN

. . . .

38.92 STATEMENT OF BASIS SPECIFIC STATUTORY AUTHORITY AND PURPOSE DECEMBER 14, 2015 RULEMAKING; FINAL ACTION JANUARY 11, 2016; EFFECTIVE DATE JUNE 30, 2016

The provisions of C.R S. 25-8-202(1)(a), (b) and (2); 25-8-203; 25-8-204; and 25-8-402; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the Commission reviewed the status of temporary modifications scheduled to expire before December 31, 2017 to determine whether the temporary modification should be modified, eliminated or extended. Temporary modification of standards on one segment was reviewed.

Upper South Platte segment 3: Temporary modification of ammonia. The Town of Florisant is making progress toward resolution of uncertainty regarding the underlying chronic cadmium, copper and zinc standards. The Commission made no change to the expiration date of 6/30/2017 because the original time allotment was deemed adequate.

PARTIES TO THE RULEMAKING HEARING

- 1. City of Delta
- 2. Resurrection Mining Company
- 3. U.S. Energy Corp.
- 4. City of Pueblo
- 5. Peabody Sage Creek Mining and Seneca Coal Company
- 6. Climax Molybdenum Company
- Rio Grande Silver
- 8. City of Colorado Springs and Colorado Springs Utilities
- 9. Tri-State Generation and Transmission Association, Inc.
- 10. High Country Conservation Advocates
- 11. U.S. Environmental Protection Agency
- 12. Colorado Parks and Wildlife
- 13. Town of Crested Butte and Coal Creek Watershed Coalition
- 14. Public Service Company of Colorado

CYNTHIA H. COFFMAN Attorney General DAVID C. BLAKE Chief Deputy Attorney General MELANIE J. SNYDER Chief of Staff FREDERICK R. YARGER

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Tracking number: 2015-00521

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-38

REGULATION NO. 38 - CLASSIFICATIONS AND NUMERIC STANDARDS SOUTH PLATTE RIVER BASIN LARAMIE RIVER BASIN REPUBLICAN RIVER BASIN SMOKY HILL RIVER BASIN

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 28, 2016 14:04:23

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Jage

Permanent Rules Adopted

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)

CCR number

5 CCR 1002-93

Rule title

5 CCR 1002-93 REGULATION NO. 93 - COLORADO'S SECTION 303(D) LIST OF IMPAIRED WATERS AND MONITORING AND EVALUATION LIST 1 - eff 03/01/2016

Effective date

03/01/2016

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

WATER QUALITY CONTROL COMMISSION

5 CCR 1002-93

REGULATION #93

COLORADO'S SECTION 303(D) LIST OF IMPAIRED WATERS AND MONITORING AND EVALUATION LIST

93.1 Authority

These regulations are promulgated pursuant to section 25-8-101 et seq C.R.S. as amended, and in particular, 25-8-202 (1) (a), (b), (i), (2) and (6); 25-8-203 and 25-8-204.

93.2 Purpose

This regulation establishes Colorado's Lists of Impaired Waters. These waters include Water-Quality-Limited Segments Requiring Total Maximum Daily Loads ("TMDLs"), impaired waters that do not require a TMDL, and Colorado's Monitoring and Evaluation List:

- (1) The list of Water-Quality-Limited Segments Requiring TMDLs fulfills requirements of section 303(d) of the federal Clean Water Act which requires that states submit to the U.S. Environmental Protection Agency a list of those waters for which technology-based effluent limitations and other required controls are not stringent enough to implement water quality standards. These segments are included in Section 93.3 with parameters included in the Clean Water Section 303(d) Impairment column.
- (2) Colorado's Monitoring and Evaluation List identifies water bodies where there is reason to suspect water quality problems, but there is also uncertainty regarding one or more factors, such as the representative nature of the data. Water bodies that are impaired, but it is unclear whether the cause of impairment is attributable to pollutants as opposed to pollution, are also placed on the Monitoring and Evaluation List. This Monitoring and Evaluation list is a state-only document that is not subject to EPA approval. These segments are included in Section 93.3 with parameters included in the Colorado's Monitoring and Evaluation column.
- (3) The list of Water-Quality-Limited Segments Not Requiring a TMDL identifies segments where data is available that indicates that at least one classified use is not being supported, but a TMDL is not needed. These segments and parameters are included in Section 93.4.

93.3 Water Bodies Requiring TMDLs or Identified for Monitoring and Evaluation

Only those segments where a Clean Water Section 303(d) Impairment has been determined require TMDLs. For these segments, TMDLs are only required for those parameters that are identified as impairments.

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COAR	Arkansas River Basin				
COARFO01a	Fountain Creek and tributaries above Monument Creek	Mainstem	Fe(Trec), U	E. coli, Mn, As,	H/L/L
COARFO02a	Fountain Creek, Monument Creek to Hwy 47	all	Fe(Trec)	E. coli	H
COARFO02b	Fountain Creek from Hwy 47 to the Arkansas River	all		E. <i>coli</i> (May- October)	Τ
COARFO03a	Tributaries to Fountain Creek within the National Forest or Air Force Academy lands, from Monument Creek to the Arkansas River	West Monument Creek		Aquatic Life (provisional)	L
COARFO03b	Bear Creek, and all tributaries, from the source to a point immediately upstream of Gold Camp Road.	all		Cu	Τ
COARFO04	All tribs to Fountain Creek, which are not on National Forest or Air Force Academy Land	all		E. coli	Н
COARFO04	All tribs to Fountain Creek, which are not on National Forest or Air Force Academy Land	Sand Creek		Se	L
COARFO04	· · · · · · · · · · · · · · · · · · ·	Little Fountain Creek below Deadman Canyon	Se		
COARFO05	Jimmy Camp Creek and unnamed tributary below Fort Carson and surrounding marshlands	all	Fe(Trec)		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARFO06	Monument Creek from National Forest to Fountain Creek	all		E. coli (May- October), Temperature, Aquatic Life (provisional)	H/M/L
COARLA01a	Arkansas River, Fountain Creek to Colorado Canal headgate	all		E. coli	Н
COARLA01b	Arkansas River, Colorado Canal headgate to John Martin Reservoir	all		Se, As, Mn	L
COARLA01c	Arkansas River, John Martin Reservoir to stateline	all		Se, U, As, Mn	H/H/L/L
COARLA02a	All tributaries to the Arkansas River from the Colorado Canal headgate to the Colorado/Kansas border	all	SO₄, Mn		
COARLA03a	Mainstem of the Apishapa River, including tribs from source to I-25	all	E. coli	Temperature	Н
COARLA04a	Apishapa River, Timpas Creek	all		Se, SO ₄	L
COARLA04a	Apishapa River, Timpas Creek	Apishapa River	Mn		
COARLA05a	Upper North Fork, Middle Fork, South Fork of the Purgatoire River, including all tributaries.	all		As	L
COARLA05b	Lower North, Middle and South Fork of the Purgutoire River, and the mainstem from source to Trinidad Reservoir.	all	Temperature	As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARLA05b	Lower North, Middle and South Fork of the Purgutoire River, and the mainstem from source to Trinidad Reservoir.	Long Canyon	Mn		
COARLA06a	All Tributaries to the Purgatoire River from the source to Interstate 25	Apache Canyon		Aquatic Life (provisional)	М
COARLA06a	All Tributaries to the Purgatoire River from the source to Interstate 25	Reilly Canyon	Temperature		
COARLA06a	All Tributaries to the Purgatoire River from the source to Interstate 25	Sarcillo Canyon	Temperature		
COARLA06b	Wet Canyon and all tributaries from the source to the confluence with the Purgatoire River	all	Temperature		
COARLA07	Purgatoire River, I-25 to Arkansas River	all	Sediment, <i>E. coli</i>		
COARLA09a	Mainstem of Adobe Creek and Gageby Creek	all		Se, As	L/H
COARLA09a	Mainstem of Adobe Creek and Gageby Creek	Horse Creek	Mn, SO ₄	Fe(Trec)	Н
COARLA09a	Mainstem of Adobe Creek and Gageby Creek	Adobe Creek	Fe(Trec)	E. coli	Н
COARLA09b	Apache Creek, Breckenridge Creek, Little Horse Creek, Bob Creek, Wildhorse Creek, Wolf Creek, Big Sandy Creek, Rule Creek	all	Mn, SO₄	Se	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COARLA09b	Apache Creek, Horse Creek, Breckinridge Creek, Little Horse Creek, Bob Creek, Big Sandy Creek, Rule Creek	Big Sandy Creek		Fe(Trec)	М
COARLA10	Two Buttes Res., Two Buttes Pond, Hasty Lake, Holbrook Res., Burchfield Lake, Nee- Skah (Queens) Res., Adobe Creek Res., Neeso Pah Res., Nee Nosha Res., Nee Gronda Res.	Adobe Creek Res	As	Se	L
COARLA10	Two Buttes Res., Two Buttes Pond, Hasty Lake, Holbrook Res., Burchfield Lake, Nee- Skah (Queens) Res., Adobe Creek Res., Neeso Pah Res., Nee Nosha Res., Nee Gronda Res.	Nee Gronda Res		Se	L
COARLA11	John Martin Reservoir	all		Se	L
COARLA12	Lake Henry, Lake Meredith	Lake Henry	Fe(Trec)	Se	L
COARLA12	Lake Henry, Lake Meredith	Lake Meredith		Se	L
COARLA15	Trinidad Reservoir, Long Canyon Reservoir, and Lake Dorothey	Trinidad Reservoir		Aquatic Life Use (Hg Fish Tissue), D.O. (Temperature)	Н
COARMA02	Mainstem of Arkansas River from the outlet of Pueblo Reservoir to Dry Creek arroyo	all		Temperature	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARMA02	River from the outlet of Pueblo Reservoir to Dry	Mainstem of the Arkansas River from Pueblo Reservoir to Blue Ribbon Creek		Mn	L
COARMA03	Arkansas River from Wildhorse Creek to Fountain Creek	all		Se, As	H/L
COARMA04a	Wildhorse Creek	all	NO ₂	E. coli	Н
COARMA06a	Mainstem of the Saint Charles River from a point immediately above the CF&I diversion canal near Burnt Mill to a point immediately upstream of the confluence with Edson Arroyo.	all	Mn, SO₄		
COARMA06b	Mainstem of the Saint Charles River from the confluence with Edson Arroyo to the confluence with the Arkansas River.	all	SO ₄	Mn	L
COARMA07b	Greenhorn Creek, including all tributaries, from San Isabel National Forest boundary to Greenhorn Highline Diversion Dam; Graneros Creek; North Muddy Creek	all	Temperature		
COARMA09	Greenhorn Creek, including tributaries, from Greenhorn Highline Diversion Dam to the St. Charles River	all	Mn	As	L
COARMA10	Sixmile Creek	all		Fe(Trec), Se	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARMA11b	Huerfano River, including all tributaries, from 570 Road near Malachite to Highway 69 at Badito	all	As, Mn, Fe(Trec)		
COARMA12	Huerfano River, from Muddy Creek to the Arkansas River	all		Se	L
COARMA14	Cucharas River, from Walsenburg PWS diversion to the outlet of Cucharas Reservoir	all		Fe(Trec)	Н
COARMA18a	Boggs Creek	all	Mn, SO₄	Se, Zn, U	Н
COARMA26	Horseshoe Lake, Martin Lake (Ohem Lake) and Walsenburg Lower Town Lake.	Horseshoe Lake		Aquatic Life Use (Hg Fish Tissue)	H
COARMA27	Teller Reservoir	all	Aquatic Life Use (Hg Fish Tissue)		
COARUA02c	Mainstem of the Arkansas River from the confluence with the Lake Fork to the confluence with Lake Creek	all		As	Н
COARUA04a	Mainstem of the Arkansas River from the Chaffee/Fremont County Line to a point immediately above	all	Temperature	Cu	Н
COARUA05	below the confluence	Lake Fork below Sugarloat Dam to the confluence with the Arkansas River	Aquatic Life, Cd,	Zn	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COARUA05	All tributaries to the Arkansas River from the source to immediately below the confluence with Browns Creek	Colorado Gulch	Ag, Pb	As, Cd, Cu, Zn Mn, Fe(dis)	H L
COARUA10	Mainstem of Lake Creek and all tributaries from source to Arkansas River	all		pH, D.O.	Н
COARUA12a	Mainstem of Chalk Creek from the source to the confluence with the Arkansas River.	all		Cd	Н
COARUA14c	Craake including all	North Hardscrabble Creek	Aquatic Life		
COARUA15	Mainstem of Grape Creek and tribs from the source to the outlet of DeWeese Reservoir. Mainstems of Texas, Badger, Hayden, Hamilton, Stout, and Big Cottonwood Creeks and tribs. Newlin Creek from the National Forest boundary to the City of Florence water diversion.	all	Aquatic Life	As	L
COARUA21a	Creek from the source to a point 1.5 miles upstream of the confluence with Fourmile	miles upstream of the		Aquatic Life (provisional)	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COARUA24	Mainstem of East and West Beaver Creeks, including all tributaries; mainstem of Beaver Creek from the source to the point of diversion to Brush Hollow Reservoir.	East Beaver Creek below Penrose Reservoir	Mn		
COARUA30	Turquoise Reservoir, Clear Creek Reservoir, Twin Lakes and Mt. Elbert Forebay	Twin Lake West		Cu	Н
COARUA35	DeWeese Reservoir	all	As	D.O.	Н
COARUA38	All lakes and reservoirs tributary to the mainstem of East and West Beaver Creeks from source to the confluence with Beaver Creek. Skagway and Bison Reservoirs	Skagway Reservoir	Fe(dis), Mn, As		
COARUA40	Brush Hollow Reservoir	all		Aquatic Life Use (Hg Fish Tissue)	H
cogu	Gunnison River Basin				
COGULD02	Dolores River from Little Gypsum Valley bridge to Colorado/Utah border	all	E. coli	Fe(Trec), Temperature	Н
COGULD03a	All tributaries to the Dolores River from the bridge at Bradfield Ranch to the Colorado/Utah border.	Disappointment Creek	Se, <i>E. coli</i>		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COGULD04	Mainstem of West Paradox Creek from the source to the confluence with the Dolores River. Mainstem and all tributaries to Blue Creek from the source to the confluence with the Dolores River.	West Paradox Creek	E. coli, Fe(Trec)		
COGULD05	Mainstem of West Creek from the source to the confluence with the Dolores River; Roc Creek; La Sal Creek and Mesa Creek from their sources to their confluences with Dolores River.		E. coli	Cu, Fe(Trec)	Н
COGULD05	Mainstem of West Creek from the source to the confluence with the Dolores River; Roc Creek; La Sal Creek and Mesa Creek from their sources to their confluences with Dolores River.	Mesa Creek and tributaries	As		
COGULG02	Gunnison River, Uncompahgre River to Colorado River	all	Sediment	E. coli	Н
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Callow Creek	SO ₄ , E. coli		
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Cummings Gulch	SO ₄		
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Whitewater Creek from below Brandon Ditch to confluence with Gunnison River		SO₄, Mn	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Wells Gulch	pН		
COGULG04a	Tributaries to Gunnison River, Crystal Reservoir to Colorado River	Peach Valley Creek	Fe(Trec), SO ₄		
COGULG04b	All tributaries to Reeder, Hollenbeck, and Juniata Reservoirs, and the mainstem of Kannah Creek below the point of diversion for public water supply		SO₄		
COGULG07a	Ward Creek, from the national forest to the confluence with Dirty George Creek	Ward Creek	Se		
COGULG07b	Surface Creek from the diversion of water supply to Tongue Creek; Tongue Creek to the Gunnison River; Youngs Creek from USFS boundary to Kiser Creek; Kiser Creek from the USFS boundary to the confluence with Youngs Creek	Tongue Creek		Se, Fe(Trec)	М
COGULG07b	Surface Creek from the diversion of water supply to Tongue Creek; Tongue Creek to the Gunnison River; Youngs Creek from USFS boundary to Kiser Creek; Kiser Creek from the USFS boundary to the confluence with Youngs Creek	Surface Creek	Pb		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COGULG08	Surface Creek and Kannah Creek, including all tributaries, from the national forest boundary to the point of diversion for public water supply	all	Temperature		
COGULG11b	Tributaries to the Smith Fork	Lunch Creek	Sediment		
COGULG12	All tributaries to the Smith Fork which are not on national forest lands	Muddy Creek	E. coli		
COGULG13	Crawford Reservoir	all		D.O. (Temperature)	Н
COGULG14	All lakes and reservoirs tributary to the Gunnison River, from Crystal Reservoir to the confluence with the Colorado River	Eggleston Reservoir	pH, Zn	Fe(Trec)	H
COGULG16	All lakes and reservoirs that are tributary to the Gunnison River, from the outlet of Crystal Reservoir to the confluence with the Colorado River, and not within national forest boundaries	Jatz Bottomlands	Se		
COGUNF04	Muddy Creek and all tributaries, Coal Creek and all tributaries; all tributaries to the North Fork of the Gunnison within the national forest boundary	East Muddy Creek	Pb, Se	Fe(Trec)	H
COGUNF04	Muddy Creek and all tributaries, Coal Creek and all tributaries; all tributaries to the North Fork of the Gunnison within the national forest boundary	Muddy Creek	E. coli (May-Oct)		

WBID	Segment Description	Portion	Wonitoring &		303(d) Priority
COGUNF04	Muddy Creek and all tributaries, Coal Creek and all tributaries; all tributaries to the North Fork of the Gunnison within the national forest boundary	Ruby Anthracite Creek		As	L
COGUNF06a	Tributaries to N. Fork of Gunnison River not on USFS property	Unnamed tributary to North Fork Gunnsion River near Hotchkiss	Se		
COGUNF06a	Fork of the Gunnison not	Coal Gulch, Hawksnest Creek, Gribble Gulch	Fe(Trec)		
COGUNF06b	1 '	Cottonwood Creek	Fe(Trec), Mn, SO₄		
COGUNF06b	Bear Creek, Reynolds Creek, Bell Creek, McDonald Creek, Cottonwood Creek, Love Gulch, Cow Creek, Dever Creek, German Creek, Miller Creek, Stevens Gulch, Big Gulch, Stingley Gulch and Alum Gulch not on national forest lands from the source to the North Fork of the Gunnison River	Alum Gulch	Fe(Trec)	SO ₄	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUNF07	Paonia Reservoir and Overland Reservoir	Paonia Reservoir	Zn		
COGUNF09	All lakes and reservoirs tributary to Muddy Creek, Paonia Reservoir, or Coal Creek, tributary to the North Fork of the Gunnison River from its inception to the confluence with the Gunnison River	Island Lake	pH, Zn		
COGUSM02	Tributaries to the San Miguel River from the source to Leopard Creek	Bear Creek	Pb	Cd, Zn	Н
COGUSM02	Tributaries to the San Miguel River from the source to Leopard Creek	Cornet Creek	Pb		
COGUSM02	Tributaries to the San Miguel River from the source to Leopard Creek	Howard Fork above Swamp Canyon		pH, D.O.	Н
COGUSM03b	Mainstem of the San Miguel River Marshall Creek to South Fork San Miguel River.	all	Pb		
COGUSM04a	Miguel River from the	From South Fork San Miguel to confluence with Leopard Creek	Pb		
COGUSM06a	Ingram Creek, source to San Miguel River	all	Mn, Cu		
COGUSM06b	Marshall Creek, source to San Miguel River	all	Cu		
COGUSM07	Mainstem of Howard Fork and tributaries Swamp Gulch the South Fork of the San Miguel.	Chapman Creek	Fe(Trec)		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUSM07	Mainstem of Howard Fork and tributaries Swamp Gulch the South Fork of the San Miguel.	Iron Bog Creek	рН, D.O.		
COGUSM08	Mainstem of South Fork of San Miguel River from the Howard and Lake Forks to the San Miguel River.	all	Mn		
COGUSM10	Mainstem of Naturita Creek from the Uncompandere National Forest boundary to its confluence with the San Miguel River, Tabeguache Creek from its source to the confluence with San Miguel River.	Naturita Creek	D.O., <i>E. coli,</i> Temperature		
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	Mesa Creek	Se		
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	Maverick Draw		Aquatic Life (provisional)	L
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	MaKenzie Creek		Aquatic Life (provisional)	L
COGUSM12a	All tributaries to the San Miguel River from the confluence of Leopard Creek to Naturita Creek	Specie Creek	D.O.		
COGUSM12b	All tributaries to the San Miguel River from the confluence of Naturita Creek to the Dolores	all	Temperature		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COGUSM20	1	Miramonte Reservoir		D.O. (Temperature)	H
COGUUG01	All tributaries to the Gunnison River, including and wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Fossil Ridge, or Uncompahgre Wilderness Areas.	Stewart Creek	Fe(Trec)	Aquatic Life	Η
COGUUG02	All Tributaries from North Beaver Creek to Meyers Gulch, from the West Elk Wilderness boundary to their confluences with Blue Mesa Reservoir, Marrow Point Reservoir, or the Gunnison River	Willow Creek		Aquatic Life (provisional)	H
COGUUG04	Mainstem of the Taylor River from the source to the confluence with the Gunnison River	Taylor River	Pb	Aquatic Life	
COGUUG07	Slate River from source to Coal Creek	Below Oh-Be- Joyful Creek		Zn	Н
COGUUG08	Slate River, Coal Creek to East River	all		Cd, Zn, Temperature	Н
COGUUG09	All tributaries to the Slate River	Coal Creek		As	L
COGUUG10a	Oh-Be-Joyful Creek and tributaries from wilderness to Slate River	all		Cd, Cu, Pb, Zn	Н
COGUUG10b	All tributaries, including wetlands, to Redwell Creek.	all	рН	Cd, Cu, Pb, Zn	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUUG11	Coal Creek from Elk Creek to Crested Butte water supply intake, plus Elk Creek	Elk Creek		Cd, Pb, Zn, As	Н
COGUUG11	Coal Creek from Elk Creek to Crested Butte water supply intake, plus Elk Creek	Coal Creek		Cd, Zn As, Mn	I L
COGUUG12	Coal Creek and tributaries from Crested Butte water supply intake to Slate River	Coal Creek		Cd, Zn, Cu As	L L
COGUUG15a		S. Beaver Creek	Mn, Fe (Dis), Fe(Trec)	Aquatic Life	L
COGUUG16a	Ohio Creek, from the source to a point immediately below 7 Road.	Ohio Creek	E. coli		
COGUUG16b	Ohio Creek from a point immediately below 7 Road to the confluence with the Gunnison River.	Ohio Creek	E. coli		
COGUUG17a	Antelope Creek including all tributaries and wetlands, from the source to the confluence with Antelope Creek.	all	Mn, <i>E. coli</i>		
COGUUG17b	Antelope Creek including all tributaries and wetlands, from the source to the confluence with the Gunnison River, excluding the listings in Segment 17a.	all	Mn, <i>E. coli</i>		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUUG18b	Tomichi Creek from the confluence with Porphyry Creek to the confluence with the Gunnison River	all		Aquatic Life (provisional)	Т
COGUUG19	All tributaries to Tomichi Creek within the boundaries of the Gunnison National Forest, Mainstem of Barret, Hot Springs, Razor and Quartz Creeks from their sources to their confluences with Tomichi Creek	Razor Creek		Aquatic Life (provisional)	Τ
COGUUG23	Mainstem of Cochetopa Creek and tributaries, from the source to a point immediately below the confluence with West Pass Creek	Cochetopa Creek	Fe(Dis)		
COGUUG24	Creek from West Pass	Cochetopa Creek from Forest Road 3076/Co. Rd. 43 to the confluence with Tomichi Creek		Aquatic Life (provisional)	L
COGUUG26	All tributaries to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect those reservoirs	Blue Creek	Cu		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COGUUG26	All tributaries to the Gunnison River from County Road 32 to the inlet of Blue Mesa Reservoir, Blue Mesa Reservoir, Morrow Point Reservoir, Crystal Reservoir or the segments of the Gunnison River that interconnect those reservoirs	Crystal Creek		Aquatic Life (provisional)	H
COGUUG29a	Rlue Mesa Reservoir	Lake Fork of the Gunnison River upstream of Cottonwood Creek	Mn, Zn, As, Cd		
COGUUG29a	Lake Fork of the Gunnison River and tributaries from source to Blue Mesa Reservoir	Deadman Creek		pH, Cd, Cu, Zn, Se, Fe (Trec) Mn, Fe (Dis)	H
COGUUG29a	Fork of the Gunnison and tributaries from the source to Blue Mesa	Lake Fork of the Gunnison River between Cooper and Silver Creek		Mn	L
COGUUG31	Palmetto Gulch	all	Cu, Ag		
COGUUG32	North Fork of Henson Creek and tributaries from source to Henson Creek	all		Mn	L
COGUUN02	Mainstem of the Uncompahgre River from the source (Poughkeepsie Gulch) to a point immediately above the confluence with Red Mountain Creek.	all	Pb	Mn	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUUN04a	Uncompahgre River, HWY 90 to La Salle Road	all	Sediment		
COGUUN04b	Uncompahgre River, La Salle Road to Confluence Park	all	Sediment		
COGUUN04c	Uncompahgre River, Confluence Park to Gunnison River	all	Sediment, Pb	Fe(Trec)	Н
COGUUN06a	Mainstem of Red Mountain Creek from the source to immediately above the confluence with the East Fork of Red Mountain Creek.	all		Ag, Cu	М
COGUUN07	Gray Copper Gulch from source to Red Mountain Creek	all	Fe(Trec), pH	Cu	М
COGUUN08	Mineral Creek, source to Uncompangre River	all	Cu, Zn		
COGUUN09	Canyon Creek, Imogene Creek, Sneffels Creek	Sneffels Creek		Cd, Zn	Н
COGUUN09	Canyon Creek, Imogene Creek, Sneffels Creek	Canyon Creek	Pb		
COGUUN09	Canyon Creek, Imogene Creek, Sneffels Creek	Imogene Creek	Cu	Cd, Zn	М
COGUUN10	All tributaries to the Uncompangre River from Dexter Creek to the South Canal	Alkali Creek	Se		
COGUUN11	Coal, Dallas, Cow, Billy, Onion, Beaton, Beaver and Pleasant Valley Creeks	Billy Creek, Onion Creek	Se		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COGUUN11	Coal, Dallas, Cow, Billy, Onion, Beaton, Beaver and Pleasant Valley Creeks	Deer Creek		Aquatic Life (provisional)	L
COGUUN11	Coal, Dallas, Cow, Billy, Onion, Beaton, Beaver and Pleasant Valley Creeks	Cow Creek	SO ₄		
COGUUN12	Tributaries to Uncompahgre River, South Canal to Gunnison River	Dry Creek, Loutzenhizer Arroyo		Fe(Trec)	Н
COGUUN15b	Dry Creek from East and West Forks to Coalbank Canyon Creek	Dry Creek Watershed	Sediment		
COGUUN19	Ridgway Reservoir	all	Pb, Zn		
COGUUN20	Sweitzer Lake	all		Se	Н
COLC	Lower Colorado River Basin				
COLCLC01	Colorado River, Roaring Fork River to Rifle Creek	all	Sediment	Temperature	Н
COLCLC01	Colorado River, Roaring Fork River to Rifle Creek			As	L
COLCLC02a	Colorado River, Rifle Creek to Rapid Creek	all	Sediment		
COLCLC02b	Colorado River, Rapid Creek to Gunnison River		As, Mn, SO ₄ , NO ₂	Se	M
COLCLC02b	Colorado River, Rapid Creek to Gunnison River	all	Sediment		
COLCLC03	Colorado River from Gunnison River to stateline	all	Se		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCLC04a	Tributaries to Colorado River, Roaring Fork to Parachute Creek except for specific segments	All	Temperature, TP, SO₄	Se	М
COLCLC04a	Tributaries to Colorado River, Roaring Fork to Parachute Creek except for specific segments	Mamm Creek		Fe(Trec)	М
COLCLC04a	from hot springs to	South Canyon Creek abv Hot Springs	SO ₄	Fe(Trec)	Н
COLCLC04b	South Canyon Hot Springs	all	D.O., Pb		
COLCLC04c	South Canyon Creek	all	E. coli (May-Oct)	As	L
COLCLC04e	Dry Creek and tributaries from source to Last Chance Ditch.	all	Cd, Fe(Trec), Se, Cu		
COLCLC10	, ,	West Rifle Creek	Fe(Trec), Fe(Dis), SO ₄		
COLCLC10	East Rifle Creek, West Rifle Creek and Rifle Creek, including tributaries from Rifle Gap to the Colorado River	all	E. coli	As	L
COLCLC13a	Tributaries to the Colorado River from a point below Roan Creek to the Utah border.	Sulphur Gulch	Cu, Pb, Fe(Trec),Se		
COLCLC13b	Tributaries to Colorado River from Government Highline Canal Diversion to Salt Creek	Salt Creek		Sediment	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCLC13b	Tributaries to Colorado River from Government Highline Canal Diversion to Salt Creek	all		Se, Fe(Trec)	М
COLCLC13b	Tributaries to Colorado River from Government Highline Canal Diversion to Salt Creek			E. coli	Η
COLCLC13c	Walker Wildlife Area Ponds	all		Se	М
COLCLC14b	Clear Creek from Tom Creek to Roan Creek. Roan Creek, including tributaries from Clear Creek to Kimball Creek	all	E. coli, Fe(Trec)		
COLCLC14c	Mainstem of Roan Creek including all tributaries from Kimball Creek to the Colorado River	Dry Fork		Se	L
COLCLC14c	Mainstem of Roan Creek including all tributaries from Kimball Creek to the Colorado River	Roan Creek		Fe(Trec)	Н
COLCLC14c	Mainstem of Roan Creek including all tributaries from Kimball Creek to the Colorado River	all	As	Mn	L
COLCLC15a	Mainstem of Plateau Creek from source to inlet of Vega Reservoir and tributaries to the confluence of Buzzard Creek.	all	Fe(Trec)	As	L
COLCLC15c	Mainstem of Plateau Creek from Vega Reservoir to Buzzard Creek	all		As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCLC16	Plateau Creek and tributaries from the confluence with Buzzard Creek to the confluence with the Colorado River	all	Fe(Trec)		
COLCLC19	Lakes and reservoirs tributary to the Colorado River, Parachute Creek to the Colorado/Utah border.	See specifics to the right.	Se (Maggio Pond, Peters Ponds 1, 2, 3, & 4)	Se (West Pond Orchard Mesa Wildlife Area)	Н
COLCLC20	IHANVEV GAN RESERVOIL	Rifle Gap Reservoir	As	Aquatic Life Use (Hg Fish Tissue)	Н
COLCLY03c	Milk Creek and tributaries from CR 15 to the Yampa	Wilson Creek	Se, Mn	Fe(Trec), SO ₄	L/H
COLCLY03c	Milk Creek and tributaries from CR 15 to the Yampa	Stinking Gulch	Fe(Trec)	Se As, SO ₄	H L
COLCLY03e	Good Spring Creek and its tributaries above Wilson Reservoir	all	Se, SO₄		
COLCLY03i	Lower Johnson Gulch from the confluence with Pyeatt Gulch at CO 107 to the confluence with the Yampa River	all	Aquatic Life		
COLCLY06	Tributaries to Fortification Creek from the confluence of the North and South Forks to the Yampa River	all	Mn, SO ₄		
COLCLY07	Little Bear Creek, including all tributaries from source to Dry Creek	all	Cu, Zn		
COLCLY16	Little Snake River from Power Wash to the Yampa River	all	Sediment		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COLCLY22a	Mainstem of Vermillion Creek, including all tributaries and wetlands, from the Colorado/Wyoming border to a point just below the confluence with Talamantes Creek.	Talamantes Creek		Aquatic Life (provisional)	L
COLCLY22c	Vermillion Creek from Hwy 318 to Green River	all	E.coli, Fe(Trec)		
COLCWH07	Mainstem of the White River the confluence with Miller Creek to the confluence with Piceance Creek.	all		Temperature, Aquatic Life	Н
COLCWH07	Mainstem of the White River from a point above the confluence with Miller Creek to a point immediately above the confluence with Piceance Creek	White River, blw Meeker	Fe(Trec)	As	L
COLCWH09b	Tributaries to the White River from Flag Creek, to Piceance Creek, not within the boundary of National Forest lands	all	Mn, SO₄		
COLCWH09d	Sulfur Creek and tributaries from Source to White River. Flag Creek and tributaries from the East Fork of Flag Creek to the White River	all		Se	L
COLCWH11	Rio Blanco Lake and Taylor Draw Reservoir	Rio Blanco Lake		рН	Н
COLCWH12	White River from the confluence with Piceance Creek to the confluence with Douglas Creek	all		As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COLCWH13b	Mainstem of Yellow Creek from the source to Barcus Creek. All tributaries to Yellow Creek from the source to the White River	all		Sediment	М
COLCWH13b	Mainstem of Yellow Creek from the source to Barcus Creek. All tributaries to Yellow Creek from the source to the White River	Corral Gulch	Mn		
COLCWH13b	Mainstem of Yellow Creek from the source to Barcus Creek. All tributaries to Yellow Creek from the source to the White River	Stake Springs	SO ₄		
COLCWH13b	Mainstem of Yellow Creek from the source to the confluence with Barcus Creek. All tributaries to Yellow Creek from the source to the White River	Duck Creek	Aquatic Life		
COLCWH13c	Mainstem of Yellow Creek from immediately below the confluence with Barcus Creek to the confluence with the White River.	all		Fe(Trec), Aquatic Life	L
COLCWH13c	Creek to the confluence	Yellow Creek below Greasewood Creek		Temperature	М
COLCWH14a	Mainstem of Piceance Creek from the source to a point just below the confluence with Hunter Creek	all		As	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCWH15	Mainstem of Piceance Creek from Ryan Gulch to the confluence with the White River. The Dry Fork of Piceance Creek, from Little Reigan Gulch to Piceance Creek.	Piceance Creek		Aquatic Life (provisional)	L
COLCWH15	Piceance Creek from Ryan Gulch to the White River. The Dry Fork of Piceance Creek, from	Piceance Creek from 3 miles above the confluence with the White River, to the confluence with the White River.		Temperature	М
COLCWH16	All tributaries to Piceance Creek, including all wetlands, lakes and reservoirs, from the source to the confluence with the White River	Ryan Gulch	E. coli		
COLCWH20	Mainstems of Black Sulphur Creek from the source to Piceance Creek.	Black Sulphur Creek		Aquatic Life (provisional), As	L
COLCWH21	Mainstem of the White River from Douglas Creek to the Colorado/Utah border	all		As	L
COLCWH22	Piver Douglas Creek to	West Evacuation Wash, Douglas Creek		Sediment	L
COLCWH23	Mainstem of East Douglas Creek and West Douglas Creek including all tributaries from their sources to the confluence	all		Temperature	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COLCWH23	from their sources to the	East Douglas creek from the point below Tommy's Draw a point above its conflunce with Douglas Creek		Sediment	Н
COLCWH23	Mainstem of East Douglas Creek and West Douglas Creek including all tributaries from their sources to the confluence	East Douglas Creek		Aquatic Life	L
CORG	Rio Grande River Basin				
CORGAL02	Alamosa River, from source to confluence with Alum Creek	all	pH, Fe(Trec), Fe(Dis), Mn		
CORGAL03b	Alamosa River, from Wightman Fork to Fern Creek	Above Jasper Creek	Se		
CORGAL03c	Mainstem of the Alamosa River from Fern Creek to Ranger Creek.	all	Cd, NH₃		
CORGAL03d	Alamosa River, from Ranger Creek to Terrace Res.	all		AI	Н
CORGAL10	Alamosa River, from Hwy 15 to its point of final diversion	all	Fe(Trec)		
CORGAL11b	Mainstem of La Jara Creek from La Jara Reservoir to confluence with Hot Creek	all	Temperature		
CORGAL12	Mainstem La Jara Creek from Hot Creek to Rio Grande	all	Fe(Trec)		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGAL13	Hot Creek from source to La Jara Creek	all	рН	Fe(Trec)	Н
CORGAL20	Rio Grande, tribs within the Rio Grande Forest	all	Cu, Cd, Fe(Trec), Mn, Zn, Fe(Dis), As	рН	Н
CORGAL25	All lakes and reservoirs tributary to La Jara Creek from the source to Hot Creek.	La Jara Reservoir	рН	D.O.	Н
CORGAL30	Platoro Reservoir	all	рН		
CORGCB02a	La Garita Creek, including tributaries from the source to Geronimo Creek. The North, Middle and South Forks of Carnero Creek, including tributaries from their source to mainstem of Carnero		Mn, TP	As, Aquatic Life	Н
CORGCB02a	La Garita Creek, including tributaries from the source to Geronimo Creek. The North, Middle and South Forks of Carnero Creek, including tributaries from their source to mainstem of Carnero	South Fork Carnero Creek	Fe(Dis), Mn, TP	As	Н
CORGCB02b	La Garita Creek, source to 38 Rd, Carnero Creek, source to 42 Rd	La Garita Creek	Fe(Trec), Fe(Dis), Mn, TP	Aquatic Life, As	Н
CORGCB02c	Mainstem Carnero Creek from inception to 42 Road	all	Mn, TP	As	Н
CORGCB03	All tributaries to Closed Basin except those in 2a, 2b, 2c, and 4-13	Cottonwood Creek	Cu		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGCB03	All tributaries to Closed Basin except those in 2a, 2b, 2c, and 4-13	Major Creek	Fe(Trec)		
CORGCB03	All tributaries to Closed Basin except those in 2a, 2b, 2c, and 4-13	Willow Creek		Cu	Н
CORGCB04	San Luis Creek, from source to Piney Creek	all	Mn	As	L
CORGCB05	San Luis Creek, from Piney Creek to San Luis Lake	all	D.O., Cu		
CORGCB09a	Mainstem and tribs of Kerber Creek from source to Brewery Creek	'	Mn		
CORGCB09b	Kerber Creek from Brewery Creek to the confluence with San Luis Creek.	all		As	L
CORGCB09b	Brewery Creek to the confluence with San Luis	Kerber Creek from U S Gulch to the confluence with San Luis Creek		Aquatic Life (provisional)	H
CORGCB10	Sand Creek, Medano Creek	Sand Creek	Cu		
CORGCB12a	Saguache Creek including all tributaries from the boundary of the La Garita Wilderness Area to Ford Creek	all	Temperature, TP	As, Fe(Trec)	H/L
CORGCB12a	Saguache Creek including all tributaries from the boundary of the La Garita Wilderness Area to Ford Creek	East Pass Creek		Sediment	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGCB12a	Saguache Creek including all tributaries from the boundary of the La Garita Wilderness Area to Ford Creek	Ford Creek	Cd, Mn, Zn		
CORGCB19	San Luis Lake	all		NH₃, Fe(Trec)	Н
CORGRG02	· · · · · · · · · · · · · · · · · · ·	South Clear Creek	Mn, Fe(Dis)	Fe(Trec)	Н
CORGRG03	Seepage Creek From Santa Maria Reservoir to 1 mile below the outlet; N Clear Creek from Continental Reservoir to Rito Hondo Creek	all	Fe(Trec)		
CORGRG04a	Rio Grande, just above Willow Creek to confluence with South Fork Rio Grande	all		Pb	Н
CORGRG04b	Rio Grande from South Fork Rio Grande to Hwy 285	all		Temperature	Н
CORGRG04b	Fork Rio Grande to Hwy	S Fork Rio Grande to Del Norte		As	L
CORGRG04b	ILORD DIO (Erando to HIM)	Del Norte to Highway 285		Cu	Н
CORGRG04c	Rio Grande from Hwy 285 to County Line	all	Mn	As, Cu	L/H
CORGRG05	All tributaries to the Rio Grande River, abv Willow Creek to Del Norte	Nelson Creek	Cd, Cu, Pb, Mn, Zn, pH		
CORGRG07	West Willow Creek, East Willow Creek, Willow Creek and tributaries	all	Aquatic Life	Cd, Pb, Zn	М

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGRG09	land frihi itariae from	North Branch of Pass Creek	Cu	As, Zn	L/H
CORGRG11	Mainstem of San Francisco Creek (Rio Grande County), including all tributaries, from the source to Spring Branch	all	TP	Aquatic Life, As	H/L
CORGRG12	Mainstem of the Rio Grande from the Rio Grande/Alamosa County line to the Old State Bridge east of Lobatos (Conejos County Road G).	all		Aquatic Life (provisional)	L
CORGRG13	Rio Grande River, Conejos County Road G to Colorado/New Mexico border	all	Sediment		
CORGRG19	Rock Creek from source to Monte Vista Canal	all	TP	As	L
CORGRG20a	Cat Creek and tributaries from source to Rio Grande National Forest	all	TP	Aquatic Life	Н
CORGRG20b	Cat Creek from forest boundary to Terrace Main Canal	all	ТР		
CORGRG25	Trinchera Creek and tributaries from source to Mountain Home Reservoir	all	Cu		
CORGRG28		Upper Rito Seco blw Battle Mtn	Cu	E. coli	Н
CORGRG33	Lakes and reservoirs tributary to Rio Grande from source to Hwy 112	Alberta Park	Ag		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
CORGRG37	Sanchez Reservoir	all	As, Mn		
CORGRG38	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir	Smith Reservoir	рН		
CORGRG38	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir	Big Meadows	Mn, Fe(Dis)		
CORGRG38	Continental Reservoir, Upper Brown Lake, Santa Maria Reservoir	Road Canyon	Mn, Ag, Fe(Dis)		
cosj	San Juan River Basin				
COSJAF03c	Arrastra Gulch including all lakes, tributaries, and wetlands from the source to the confluence with the Animas River.	all	Pb	Cd, Zn	М
COSJAF04a	Mainstem of the Animas River from a point immediately above the confluence with Mineral Creek to a point immediately above the confluence with Deer Park Creek.	all		AI(Trec)	М
COSJAF05a	Mainstem of the Animas River, including wetlands, from Bakers Bridge to the Southern Ute Indian Reservation boundary.	all		Mn	L
COSJAF13a	Mainstem of Junction Creek including all tributaries, from U.S. Forest Boundary to confluence with Animas River.	Junction Creek	Ag, <i>E. coli</i>		
COSJAF22	Electra Lake. Lake Nighthorse	Electra Lake	Ag, Zn		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COSJDO04b		McPhee Reservoir		Aquatic Life Use(Hg Fish Tissue)	Η
COSJDO11	All tributaries to the Dolores River, from the confluence of the West Dolores River, to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line	Lost Canyon Creek	E. coli		
COSJLP01	Mainstem of the La Plata River, from the source to the Hay Gulch diversion south of Hesperus.	all		Ag	H
COSJLP03c	Cherry Creek, including all tributaries and wetlands, from the source to the boundary of the Southern Ute Indian Reservation boundary	all	Cu	Fe(Trec)	Н
COSJLP04a	ITTINI ITATIAE ANOVA HIVIV	E. Mancos River	Pb	D.O.	Н
COSJLP04a	Mancos River and tributaries above HWY 160	Mancos River	Cu, Pb	D.O.	Н
COSJLP04a	Mancos River and tributaries above HWY 160	all	Temperature, Aquatic Life		
COSJLP05a	Mancos River from HWY 160 to the boundary of the Ute Mountain Indian Reservation and mainstem of the Weber Canyon from source Mancos River	all		Aquatic Life (provisional)	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COSJLP06a	All tributaries to the Mancos River, including all wetlands, from HWY 160 to the boundary of the Ute Mountain Indian Reservation	all		Aquatic Life (provisional)	М
COSJLP07a	Mainstem of McElmo Creek from the source to the Colorado/Utah border; Mainstem of Yellow Jacket Creek from the source to the confluence with McElmo Creek.	McElmo Creek		Fe-(Trec), E. coli	Н
COSJLP08a	Tributaries to McElmo Creek	all	E. coli		
COSJLP08a	Tributaries to McElmo Creek	Mud Creek		Se	М
COSJLP08a	Tributaries to McElmo Creek	Hartman Draw	Fe(Trec)		
COSJLP08a	Tributaries to McElmo Creek	Trail Canyon		Fe(Trec)	М
COSJLP11	Narraguinnep, Puett, and Totten Reservoir	Narraguinnep Reservoir, Totten Reservoir		Aquatic Life Use(Hg Fish Tissue)	Н
COSJPI05	All tributaries to the Piedra River, from the boundary of the Weminuche Wilderness Area to the confluence with Devil Creek	all	Temperature		
COSJPI05	All tributaries to the Piedra River, from the boundary of the Weminuche Wilderness Area to the confluence with Devil Creek	Williams Creek	pH, Cu		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COSJPI06a	All tributaries to the Piedra River from the confluence with Devil Creek to the Southern Ute Indian Reservation boundary	all		Aquatic Life (provisional)	М
COSJPI06a	Tributaries to the Piedra River	Stollsteimer Creek above Southern Ute Boundary	Sediment, <i>E.</i> coli, Fe(Trec), SO ₄		
COSJPI08	Williams Creek Reservoir	all	pH, Zn, Fe(Trec), D.O.		
COSJPN03	Vallecito Reservoir	Vallecito Reservoir		Aquatic Life Use (Hg Fish Tissue)	Н
COSJSJ01b	Mainstem of the Navajo River, including all wetlands and tributaries from below the confluence with Sheep Creek to the Colorado/New Mexico border	Navajo River	E. coli		
COSJSJ03	Little Navajo River, including tributaries from the San Juan-Chama diversion to the San Juan River	all	E. coli		
COSJSJ05	Mainstem of the San Juan River and the East Fork and West Fork of the San Juan River, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to Fourmile Creek	Mainstem	Pb, Aquatic Life		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COSJSJ06a	San Juan River from Fourmile Creek to Southern Ute Indian Reservation. Mill Creek from source to San Juan River.	San Juan River	Pb, Cu		
COSJSJ06a	San Juan River from Fourmile Creek to the Southern Ute Indian Reservation. Mill Creek from source to San Juan River	all	Temperature		
COSJSJ08		Echo Canyon Reservoir		D.O. (Temperature) Aquatic Life Use (Hg Fish Tissue)	Н
COSJSJ08	Navajo Reservoir, Echo Canyon Reservoir	Navajo Reservoir	Aquatic Life Use (Hg Fish Tissue)		
COSJSJ09a	Mainstem of the Rio Blanco from the boundary of South San Juan Wilderness Area to the Southern Ute Indian Reservation boundary,	all	Ag, Pb		
COSJSJ10	Mainstem of the Rito Blanco River from Echo Ditch to the confluence with the Rio Blanco River.	all	<i>E. coli</i> , Temperature		
COSP	South Platte River Basin				
COSPBD01	Mainstem of Big Dry Creek, including all tributaries, lakes, reservoirs and wetlands, from the source to the confluence with the South Platte River	all		E. coli	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBD01	reservoirs and wetlands,	Downstream of Weld County Road 8		Fe(Trec)	М
COSPBE01a	Mainstem of Bear Creek from the boundary of the Mt. Evans Wilderness area to the inlet of Evergreen Lake.	Bear Creek below the confluence with Yankee Creek		Temperature	Τ
COSPBE01b	Mainstem of Bear Creek from Harriman Ditch to the inlet of Bear Creek Reservoir	all		Temperature	М
COSPBE01c	Bear Creek Reservoir	all		Chl-a, phosphorus	Н
COSPBE01e	Mainstem of Bear Creek from the outlet of Evergreen Lake to the Harriman Ditch.	all		Temperature	Н
COSPBE01e	Mainstem of Bear Creek from the outlet of Evergreen Lake to the Harriman Ditch.	Mount Vernon Creek to the Harriman Ditch		Cu	Н
COSPBE02		Below Wadsworth Boulevard		E.coli (May-Oct)	Н
COSPBE02	Bear Creek below Bear Creek Reservoir to South Platte River	all		Aquatic Life (provisional), As	H/L
COSPBE03	All tributaries to Bear Creek, from the source to the outlet of Evergreen Lake	Vance Creek		Temperature	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBE06a	Turkey Creek system, including all tributaries from the source to the inlet of Bear Creek Reservoir	Turkey Creek below Parmelee Gulch	Temperature		
COSPBE06b	Mainstem of North Turkey Creek, from the source to the confluence with Turkey Creek	all	Temperature		
COSPBE11		Harriman Reservoir	As		
COSPBO02a	Mainstem of Boulder Creek, from the boundary of the Indian Peaks Wilderness Area to a point immediately below the confluence with North Boulder Creek	all		As	L
COSPBO02a	Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area	North Boulder Creek from Caribou Creek to the confluence with Como Creek	Fe(Dis)	Cu	Н
COSPBO02a	1	Como Creek to the confluence of North Boulder Creek		Fe(Trec), Fe(Dis)	H/L
COSPBO02a	Mainstem of Boulder Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area to North Boulder Creek	North Boulder Creek to Confluence of Caribou Creek		Cu, Pb	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBO02a	Creek, including all tributaries from the boundary of the Indian Peaks Wilderness Area to North Boulder Creek	Middle Boulder Creek from the outlet of Barker Reservoir to Longitude:- 105.475577° Latitude: 39.971 275°	Mn	Aquatic Life (provisional)	L
COSPBO02b	Boulder Creek, from below the confluence with North Boulder Creek to above the confluence with South Boulder Creek	all		As	L
COSPBO03	Mainstem of Middle Boulder Creek from source to the outlet of Barker Reservoir	all		As	L
COSPBO03		Middle Boulder Creek		Aquatic Life (provisional)	L
COSPBO04a	Mainstem of South Boulder Creek, including all tributaries from the source to the outlet of Gross Reservoir	all		Cu	H
COSPBO04b	Mainstem of South Boulder Creek, including all tributaries from the outlet of Gross Reservoir to South Boulder Road	all		Cu, As	H/ L
COSPBO07a	Mainstem of Coal Creek from Highway 93 to Highway 36	all		Aquatic Life (provisional)	Н
COSPBO07b	Coal Creek, HWY 36 to Boulder Creek	all	Aquatic Life	E. coli	Н
COSPBO07b	Coal Creek, HWY 36 to	Below Confluence of Rock Creek		Se	М

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBO08	All tribs to South Boulder Creek and all tribs to Coal Creek	Rock Creek	E. coli	Se	L
COSPBO09	Mainstem of Boulder Creek, from South Boulder Creek to Coal Creek	all		As, <i>E. coli</i> (July to October)	L/H
COSPBO09	Creek, from South Boulder Creek to Coal	From 107 th Street to the confluence with Coal Creek		Aquatic Life (provisio nal)	L
COSPBO10	Boulder Creek, Coal Creek to St. Vrain Creek	all		<i>E. coli,</i> pH As	H L
COSPBO14	1	Barker Reservoir	Mn, Fe(dis), Ag	Cu, As	H/L
COSPBO18	Gross Reservoir	all	Aquatic Life Use (Hg Fish Tissu e)		
COSPBT01	Mainstem of the Big Thompson River, including all tributaries and wetlands, within Rocky Mountain National Park.	all		Cu, As	Н
COSPBT02	Big Thompson River and tribs, RMNP to Home Supply Canal diversion	all		As, Aquatic Life	L/H
COSPBT02	Supply Capal diversion	From RMNP to immediately abv. UTSD discharge		Cu	М
COSPBT02	•	From Ceder Creek to Home Supply Canal		Temperature	H

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBT02		Fish Creek below Marys Lake		рН	Н
COSPBT03	Mainstem of the Big Thompson River from the Home Supply Canal diversion to the Big Barnes Ditch diversion.	all		Cu, As	M/L
COSPBT04a	Mainstem of the Big Thompson from the Big Barnes Ditch diversion of the Greeley-Loveland Canal diversion.	all		Se	М
COSPBT04b	Big Thompson River, Greeley-Loveland Canal diversion to CR11H	all		Se	L
COSPBT05	Big Thompson River, I- 25 to S. Platte River	all	E. coli	Se	L
COSPBT06	All tributaries to the Big Thompson River, from Home Supply Canal to the confluence with the South Platte River.	all		Cu	М
COSPBT07		North Fork of Big Thompson		Cu, As	H/L
COSPBT07	Mainstem of the North Fork of the Big Thompson from RMNP to confluence with Big Thompson; Buckhorn Creek	Buckhorn Creek	Mn	As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPBT08	Mainstem of the Little Thompson River, from source to the Culver Ditch diversion.	all	Temperature	As	L
COSPBT08	I nompson River, from	From source to St. Vrain Supply Canal		SO₄	L
COSPBT09	Little Thompson River, Culver Ditch to Big Thompson River	all		Se, <i>E. coli</i> (May- October), Aquatic Life Use	L/H/M
COSPBT10	Tributaries To the Little Thompson River	all	D.O.		
COSPBT11	Carter Lake	all		Aquatic Life Use (Hg Fish Tissue), As	Н
COSPBT16	Lakes and reservoirs tributary to the Big Thompson from RMNP to Home Supply Canal diversion.	Lake Estes		Cu, Pb	H
COSPCH01	Mainstem of Cherry Creek from the source of East and West Cherry Creek to the inlet of Cherry Creek Reservoir.	all	Mn		
COSPCH02	Cherry Creek Reservoir	all		Chl-a, D.O.	Н
COSPCH03	Mainstem of Cherry Creek from Cherry Creek Reservoir to the South Platte.	all		E. coli	Н
COSPCH04a	All tributaries to Cherry Creek from the source of East and West Cherry Creeks to the confluence with the South Platte River.	Goldsmith		Se, <i>E. coli</i>	М

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COSPCH04a	All tributaries to Cherry Creek from the source of East and West Cherry Creeks to the confluence with the South Platte River.	McMurdo Gulch		D.O.	L
COSPCH04b	Tributaries to Cherry Creek Cottonwood Creek, including all tributaries and wetlands, from the source to Cherry Creek Reservoir.	Upper Windmill Creek		Se	L
COSPCH06	Lakes and reservoirs in the Cherry Creek watershed within the City and County of Denver.	Lollipop Lake		D.O.	М
COSPCL01	Mainstem of Clear Creek, including all tributaries and wetlands, from the source to the I- 70 bridge above Silver Plume.	Kearney Gulch, Grizzly Gulch	Aquatic Life		
COSPCL02a	Mainstem of Clear Creek from Silver Plume to West Fork Clear Creek.	all		Cd	Н
COSPCL02b	Mainstem of Clear Creek from West Fork Clear to Mill Creek.			Zn	Н
COSPCL02c	Mainstem of Clear Creek from Mill Creek to Argo Tunnel.	all	Aquatic Life	Cd	Н
COSPCL02c	Itrom Mill Crook to the	Turkey Gulch below Rockford Tunnel		Cu, Ni, Fe(Trec), Zn Mn, Fe(Dis)	H L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPCL03a	South Clear Creek including all tributaries, from the source to the confluence with Clear Creek, except for the specific listings in Segments 3b and 19	South Clear Creek from a point just above Clear Lake to confluence with Clear Creek		Cu	Н
COSPCL03b	Leavenworth Creek	all	Mn, Cd	Cu	М
COSPCL05	confluence with Woods	From Hoop Creek to confluence with Clear Creek		Cu	Н
COSPCL06	West Clear Creek tributaries	Mad Creek		Cu	М
COSPCL06	All tributaries to West Clear Creek from the source to the confluence with Clear Creek	North Empire Creek	SO ₄ , Cd, Fe(Dis), Fe(Trec), Zn	Cu	Н
COSPCL09a	Fall River & tributaries, source to Clear Creek	Silver Creek		Cu, Pb	Н
COSPCL09b	Trail Creek & tributaries, source to Clear Creek	all	Mn	Cd, pH	Н
COSPCL10	Mainstem of Chicago Creek, including all tributaries from the source to Clear Creek	all		Cu	Н
COSPCL11	Clear Creek, Argo Tunnel to Farmers Highline Canal	all		Cd,Temperature	Н
COSPCL12a	1 3	Gilson Gulch and tributaries	pH, SO₄, Fe(Dis), Mn	Cd, Cu, Ni, Pb, Se, Zn	М

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COSPCL12a	All tributaries to Clear Creek from the Argo Tunnel discharge to the Farmers Highline Canal diversion in Golden, Colorado	All tributaries except Gilson Gulch	D.O. Mn	Cd, Cu, Zn	М
COSPCL13b	N. Clear Creek & tributaries, lowest water supply intake to Clear Creek	Mainstem of N. Clear Creek		Cd, Temperature	М
COSPCL14a	Mainstem of Clear Creek from the Farmers Highline Canal diversion in Golden, Colorado to the Denver Water conduit #16 crossing.	From Croke		Aquatic Life	L
COSPCL14a	Mainstem of Clear Creek from the Farmers Highline Canal diversion in Golden, Colorado to the Denver Water conduit #16 crossing.	all		Temperature	М
COSPCL14b	Clear Creek, Denver Water conduit #16 to Youngfield St.	all	Mn, Temperature, NH₃, Fe(Dis)	Aquatic Life Use (Organic Sediment)	L
COSPCL15	Clear Creek, Youngfield St. to S. Platte River	all		E. coli (May- October) Aquatic Life Use (Organic Sediment), Temperature, NH ₃	H
COSPCL16a	Mainstem of Lena Gulch including all tributaries and wetlands from its source to the inlet of Maple Grove Reservoir	all	Mn		
COSPCL17a	Arvada Reservoir	all		D.O.(Temperature)	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPCL17b	Mainstem of Ralston Creek, including all tributaries and wetlands, from the source to the inlet of Arvada Reservoir.	all	E. coli, Temp eratu re		
COSPCL18a	Ralston Creek and tributaries below Arvada Reservoir	Ralston Creek		E. coli	Н
COSPCP02a	Cache La Poudre River including all tributaries from the boundaries of RMNP, and the Rawah, Neota, Comanche Peak, and Cache La Poudre Wilderness Areas to the South Fork Cache La Poudre River	all		As, Aquatic Life (provisional)	H/L
COSPCP06	Mainstem of the North Fork of the Cache La Poudre River, including all tribs from source to Halligan Res.	all		As	L
COSPCP07	North Fork of the Cache la Poudre from Halligan Reservoir to the Cache la Poudre.	all	As, Ag, Fe(Dis)	Pb, Cd Mn	M L
COSPCP08	All tributaries to the North Fork of the Cache La Poudre from Halligan Reservoir to the Cache La Poudre.	all	E. coli		
COSPCP09	Rabbit Creek and Lone Pine Creek	all	рН	As	L
COSPCP10a	Mainstem of the Cache La Poudre River from the Munroe Gravity Canal Headgate to the Larimer County Ditch diversion (40.657, -105.185)	all		Temperature, As	M/L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPCP10b	Mainstem of the Cache La Poudre River from the Larimer County Ditch diversion (40.657, -105.185) to Shields Street in Ft. Collins, Colorado.	all		As	L
COSPCP11	Mainstem of the Cache la Poudre River from Shields Street in Ft. Collins to a point immediately above the confluence with Boxelder Creek.	all		E.coli	L
COSPCP12	Cache la Poudre River, Box Elder Creek to S. Platte River	all	рН	E. coli (May- October)	Н
COSPCP13a	All tributaries to the Cache la Poudre River, including all wetlands, from the Munroe Gravity Canal to the confluence with the South Platte River.	Dry Creek		Mn, SO₄	L
COSPCP13a	All tributaries to the Cache la Poudre River, including all wetlands, from the Munroe Gravity Canal to the confluence with the South Platte River.			E. coli (May-Oct)	H
COSPCP13b	Boxelder Creek from source to the Cache la Poudre River	all		Se, <i>E.coli</i>	L
COSPCP14	Horsetooth Reservoir	all		Aquatic Life Use (Hg Fish Tissue), As	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPCP20		Seaman Reservoir		D.O.	М
COSPLA02a	Mainstem of Laramie River from the source to the NF boundary.	all	pH, Mn, As		
COSPLA02b	Mainstem of the Laramie River from the source to the USFS boundary and all tributaries from the source to the Colorado/Wyoming	all	As	Cu	М
COSPLS01	Mainstem of the South Platte from the Weld/Morgan County line to the Colorado/Nebraska border.	all	SO ₄	Se, U Mn	M L
COSPLS02b	Tributaries to S Platte River, Beaver Creek, Bijou Creek and Kiowa Creek	Beaver Creek		Se, <i>E. coli</i>	Н
COSPLS02b	Tributaries to S Platte River, Beaver Creek, Bijou Creek and Kiowa Creek	Kiowa Creek		Aquatic Life (provisional)	М
COSPLS03	Jackson, Prewitt, North Sterling, Jumbo, Riverside, Empire and Vancil Reservoirs	North Sterling		D.O., Se	Н
COSPLS03	_	Jumbo Reservoir	Se		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPLS03	Jackson, Prewitt, North Sterling, Jumbo, Riverside, Empire and Vancil Reservoirs	Jackson Reservoir		рН	Н
COSPMS01a	South Platte River from Big Dry Creek to St. Vrain Creek	all	Mn	E. coli	I
COSPMS01b	South Platte River from St. Vrain Creek to Weld/Morgan County Line	all		E. coli Mn, As	H
COSPMS04	Barr Lake and Milton Reservoir	Milton Reservoir		NH ₃	М
COSPMS07	All lakes and reservoirs trib to the South Platte River below Big Dry Creek to Weld/Morgan County Line	Horse Creek Reservoir		pH, NH₃	L
COSPMS07	All lakes and reservoirs in watershed tributary to the South Platte from Chatfield to Big Dry Creek.	Prospect Lake		pH, NH₃	М
COSPRE01	Mainstem of the South Fork of the Republican River from a point 23 miles above the Colorado-Kansas border to the Colorado-Kansas border.	all		As, Pb	Н
COSPRE05	Mainstem of the Black Wolf Creek from the source to the confluence with the Arikaree River.	all	E. coli, Se		
COSPSV02b	St. Vrain Creek, RMNP to Hygiene Road	all	Ag	Temperature, As	H/L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPSV02b	St Vrain Creek PMND	South Saint Vrain Creek from just below its confluence with Red Hill Gulch to its confluence with North Saint Vrain Creek.		Cu	Τ
COSPSV03	St. Vrain Creek, Hygiene Rd. to S. Platte River	all		E. coli	Н
COSPSV04a	Left Hand Creek, from source to blw confluence with James Creek	(Hwy 72 to James Ck);	Mn		
COSPSV05	Mainstem of Left Hand Creek, including all tributaries and wetlands from Highway 36 to the confluence with St. Vrain Creek.	Lefthand Creek below US 36 to a point above the Lefthand Feeder Canal		Mn, pH	L/H
COSPSV05	Mainstem of Left Hand Creek, including all tributaries and wetlands from Highway 36 to the confluence with St. Vrain Creek.	all		Cu	М
COSPSV06	Tributaries to the St Vrain River	all		Mn	L
COSPSV06	Tributaries to the St Vrain River	Dry Creek		Se	М
COSPSV06	Tributaries to the St Vrain River	Dry Creek		E. coli	Н
COSPSV07	Boulder Reservoir, Coot Lake, and Left Hand Valley Reservoir	Boulder Reservoir		As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPUS01a		Middle Fork South Platte River	рН		
COSPUS01a	Platte River from the source of the South and Middle Forks to the inlet of Cheesman Reservoir	South Platte River from the outlet of Elevenmile Reservoir to the Idlewilde picnic area		Aquatic Life (provisional)	
COSPUS02a	Tributaries to S. Platte River, source to Tarryall Creek	Twin Creek, on USFS Land	Temperature		
COSPUS02a	Tributaries to S. Platte River, headwaters to Tarryall Creek	S. Fork of S. Platte below Antero Reservoir	Aquatic Life		
COSPUS02b	Mosquito Creek from South Mosquito Creek to the Middle Fork of the South Platte.	all		Cd	Н
COSPUS02c	South Mosquito Creek from the source to the confluence with Mosquito Creek and No Name Creek from the source to the confluence with Mosquito Creek	South Mosquito Creek		As, Cd	H/L
COSPUS02c	South Mosquito Creek from the source to the confluence with Mosquito Creek and No Name Creek from the source to the confluence with Mosquito Creek	No Name Creek		Cd, Zn	Н
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N.Fk.S.Platte R	Trout Creek and tributaries on USFS property	Aquatic Life, Temperature	D.O., pH Mn	H L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N.Fk.S.Platte R	Pine Creek		As, Aquatic Life (provisional)	L/H
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N.Fk.S.Platte R	Fourmile Creek		Fe(Trec), Hg, Aquatic Life As	H
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Hawkins Gulch	Cd, Se		
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Horse Creek	D.O., Fe(trec)	Aquatic Life	L
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	West Creek	As, Hg, Fe(trec), D.O.	Aquatic Life	L
COSPUS03	Tributaries to S.Platte River, Tarryall Creek to N. Fk. S. Platte River	Goose Creek	D.O.	Temperature	Н
COSPUS03	River, Tarryall Creek to	Trail and Wigwam Creeks	Fe(Trec)		
COSPUS04		Hall Valley area to Geneva Ck		рН	Н
COSPUS05b	Geneva Creek from Scott Gomer Creek to the North Fork of the South Platte River; all tributaries of Geneva Creek from source to the North Fork of the South Platte River.	Geneva Creek		pH, Mn	H/L
COSPUS05c	all tributaries from source to confluence	Unnamed Tributary to Gooseberry Creek		NH ₃	М

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Petion 3113191	303(d) Priority
COSPUS06a	Mainstem of the South Platte River from the outlet of Cheesman Reservoir to the inlet of Chatfield Reservoir.	South Platte River from outlet of Cheesman Reservoir to Lazy Gulch		Aquatic Life (provisional)	L
COSPUS07	Tributaries to the South Platte from the North Fork of the South Platte to the outlet of Chatfield Reservoir.	Willow Creek	Fe(Trec), Se		
COSPUS09	Mainstem of Bear Creek, including all tributaries and wetlands from the source to the inlet of Perry Park Reservoir (Douglas County).	Bear Creek	D.O.		
COSPUS10a	Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of national forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of national forest lands to their confluence.	West Plum Creek		Aquatic Life (provisio nal)	L
COSPUS10a	Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of National Forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of national forest lands to their confluence	East Plum Creek		As, Aquatic Life (provisional)	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPUS10a	Mainstems of East Plum Creek, West Plum Creek, and Plum Creek from the boundary of National Forest lands to Chatfield Reservoir, mainstems of Stark Creek and Gove Creek from the boundary of national forest lands to their confluence	Plum Creek	Temperature	E. coli (May-Oct)	Ι
COSPUS11a	Tributaries to East Plum Creek which are not on national forest lands.	all	pH, Fe(Trec)		
COSPUS11a	Tributaries to East Plum Creek which are not on national forest lands.	Cook Creek		Aquatic Life (provisio nal)	L
COSPUS11b	Tributaries to W. Plum Creek, not on USFS Land	Spring Creek		Aquatic Life (provisio nal)	L
COSPUS12	Garber and Jackson Creeks	Jackson Creek	As		
COSPUS14	S. Platte River	all		As	L
COSPUS15	S. Platte River, Burlington Ditch to Big Dry Creek	all	Temperature	E. coli	Н
COSPUS16a	Mainstem of Sand Creek from the confluence of Murphy and Coal Creek in Arapahoe County to the confluence with the Toll Gate Creek	all		Se, <i>E. coli</i>	L/H
COSPUS16c	Tributaries to S. Platte River, Chatfield Reservoir to Big Dry Creek except specific listings	all		Se, <i>E. coli</i> (May- Oct)	L/H
COSPUS16g	Marcy Gulch	all	Temperature		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPUS16i	Sand Creek from the confluence with Toll Gate Creek to the confluence with the South Platte River	all		E. coli	H
COSPUS16i	Sand Creek from the confluence with Toll Gate Creek to the confluence with the South Platte River	Sand Creek from the confluence with Westerly Creek to the confluence with the South Platte River		Se	М
COSPUS17a		Berkeley Lake, Rocky Mountain Lake		Aquatic Life Use (Hg Fish Tissue)	Н
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Rocky Mountain Lake		pH,D.O.	L
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Ferril Lake		рН	Н
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Smith Lake		pH, NH₃	Н
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Grasmere Lake		NH ₃	Н
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Berkeley Lake		D.O., As	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COSPUS17a	Washington Park Lakes, City Park Lake, Rocky Mountain Lake, Berkeley Lake	Duck Lake		pH, NH₃	I
COSPUS19	Lakes and reservoirs from headwaters to Chatfield Reservoir	Cheesman Reservoir	Aquatic Life Use (Hg Fish Tissue)		
COSPUS23	All lakes and reservoirs in watershed tributary to the South Platte from Chatfield to Big Dry Creek.	Barnum Lake		D.O.	L
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Vanderbilt Lake		D.O.	М
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Garfield Lake		D.O.	М
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Harvey Lake	Fe(Trec)		
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Aqua Golf	NH ₃	рН	М
COSPUS23	Lakes and reservoirs in the Upper South Platte watershed within the City and County of Denver.	Parkfield Lake		D.O., pH	М
couc	Upper Colorado River Basin				

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCBL01	Mainstem of the Blue River from the source to the confluence with French Gulch	all		Aquatic Life (provisional)	Н
COUCBL02a	Mainstem of the Blue River from the confluence with French Gulch to a point one half mile below Summit County Road 3.	all		Mn	L
COUCBL02a	Mainstem of the Blue River from the confluence with French Gulch to a point one half mile below Summit County Road 3.	Above South Barton Gulch		Zn	L
COUCBL02b	Mainstem of the Blue River from a point one half mile below Summit County Road 3 to the confluence with the Swan River	all		Aquatic Life (provisional)	L
COUCBL02c	Mainstem of the Blue River from the confluence with the Swan River to Dillon Reservoir	all		Aquatic Life (provisional), As	L
COUCBL04a	All direct tributaries to Dillon Reservoir and all tributaries and wetlands in the Blue River drainage above Dillon Reservoir.	Gold Run Gulch below Jessie Mine	Cd	Zn, As	H/L
COUCBL04a	All direct tributaries to Dillon Reservoir and all tributaries in the Blue River drainage above Dillon Reservoir.	Meadow Creek	Zn	Cu	Н
COUCBL05	Mainstem of Soda Creek from the source to Dillon Reservoir			Aquatic Life (provisional)	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCBL06a	Mainstem of the Snake River, including all tributaries and wetlands from the source to Dillon Reservoir, except for specific listings in Segments 6b, 7, 8 and 9.	all		Mn, Zn	H/L
COUCBL12	Mainstem of Illinois Gulch and Fredonia Gulch from their source to their confluence with the Blue River	all	As, Cu, Mn	Zn	М
COUCBL17	Mainstem of the Blue River from the outlet of Dillon Reservoir to the confluence with the Colorado River.	all	Aquatic Life		
COUCBL17	Dillon Reservoir to the	Blue River downstream of Green Mtn Reservoir		Temperature	Н
COUCBL20	Mainstem of Elliott Creek and Spruce Creek including all tributaries and wetlands from their sources to the confluence with the Blue River	Spruce Creek	Fe(Dis)	As	Н
COUCEA02	Mainstem of the Eagle River from the source to the compressor house bridge at Belden.	all		As	Н
COUCEA05c	Eagle River, Martin Creek to Gore Creek	all		Cd, As, Fe(Dis)	Н
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	all		As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Black Gore Creek, adjacent to I-70	Aquatic Life	Sediment	Н
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Mainstem of Lake Creek from below the confluence with East and West Lake Creek to the mouth		Aquatic Life (provisional)	٦
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Beaver Creek from confluence with Wayne Creek to Mouth		Aquatic Life (provisional)	Н
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Red Sandstone Creek from USFS Boundary to north side I-70 Frontage Road	Aquatic Life		
COUCEA06	Tributaries to Eagle River, Belden to Lake Creek, except specific segments	Red Sandstone Creek from north side I-70 Frontage Road to confluence with Gore Creek		Aquatic Life (provisional)	L
COUCEA08	Mainstem of Gore Creek from the confluence with Black Gore Creek to the confluence with the Eagle River.			Aquatic Life (provisional)	L
COUCEA09a	Mainstem of the Eagle River from Gore Creek to a point immediately below the confluence with Squaw Creek.	all		As	L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCEA09a	River from Gore Creek to a point immediately below the confluence	Eagle River from confluence with Berry Creek to confluence with Squaw Creek		Sediment, Aquatic Life (provisional)	H
COUCEA09a	River from Gore Creek to a point immediately below the confluence	Eagle River from Gore Creek to confluence with Berry Creek	Sediment		
COUCEA09b	Mainstem of the Eagle River from Squaw Creek to the confluence with Rube Creek	all	As, Sediment		
COUCEA09c	Mainstem of the Eagle River from the confluence with Rube Creek to the confluence with the Colorado River	all		As	L
COUCEA10a	All tributaries to the Eagle River from Lake Creek to the Colorado River.	Eby Creek	Se		
COUCNP01		South Fork Big Creek		As	Н
COUCNP03	North Platte River from Grizzly & Little Grizzly Creeks to Wyo border	all	Fe(Dis)		
COUCNP04a	Tributaries to the North Platte River except those tributaries in Segment 1, 4b, 6, 7a and 7b.	Canadian River	Fe (Dis), <i>E. coli</i> , Mn		
COUCNP04a		Grizzly Creek, Little Grizzly Creek	As		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Little Grizzly Creek		Aquatic Life (provisional)	Н
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Lake Creek	Fe(Trec), Mn		
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Illinois River	Cu, Fe(dis)	As	L
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	South Fork Big Creek		As	L
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Snyder Creek		As, Fe(Dis), Fe(Trec), Mn	H/L
COUCNP04a	All tributaries to N. Platte River except segments 4b, 6, 7a and 7b	Sand Creek	Sediment		
COUCNP04b	Mainstem of the Illinois and Canadian Rivers, including all tributaries of the Illinois from Indian Creek to Michigan River except for specific listings in Segments 7a and 7b, and all tribs of Canadian entering the mainstem from the Southwest	Illinois River	Mn	As	L
COUCNP05b	Mainstem of the Michigan River from the source to the confluence with the North Fork Michigan River	all	Cu, Fe(Dis), Mn	As	L
COUCNP06	Mainstem of Pinkham Creek from the Routt National Forest boundary to the North Platte River	all	Cu		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCNP07b	Government Creek, Spring Creek	Spring Creek		D.O.	М
COUCNP09	All lakes and reservoirs tributary to the North Platte and Encampment Rivers	Big Creek Reservoir		Aquatic Life Use (Hg Fish Tissue)	Н
COUCNP09	All lakes and reservoirs tributary to the North Platte and Encampment Rivers	North Delaney Lake		As	L
COUCNP09	All lakes and reservoirs tributary to the North Platte and Encampment Rivers	Lake John		pH, As	Н
COUCRF02	Mainstem of the Roaring Fork River including all tributaries from the source to the confluence with Hunter Creek	all	Cu		
COUCRF03a	Roaring Fork including all tributaries and wetlands from Hunter Creek to the Colorado River	West Sopris Creek		Aquatic Life (provisional)	L
COUCRF03a	Roaring Fork including all tributaries and wetlands from Hunter Creek to the Colorado River	Roaring Fork from confluence with Hunter Creek to the confluence of Trentaz Gulch		Aquatic Life (provisional)	L
COUCRF03b	Red Canyon Creek including all tributaries and wetlands from the source to the Roaring Fork except Landis Creek from source to Hopkins Ditch Diversion	Landis Creek	Fe(Trec)		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCRF03c	Roaring Fork River, from the Fryingpan River to the Colorado River. Three Mile Creek, including all tributaries from the source to the Roaring Fork River	all		Temperature	Н
COUCRF03d	Roaring Fork including all tributaries and wetlands from Hunter Creek to the Colorado River	Cattle Creek from Bowers Gulch to mouth		Aquatic Life (provisional)	L
COUCRF07	All tributaries to the Fryingpan River	South Fork Frying Pan River from transbasin diversion to confluence with unnamed tributary (39.25128°N, -106.59442°W)		Aquatic Life (provisional)	L
COUCUC02	and wotlands within or	Willow Creek, Stillwater Creek and Arapaho Creek		Temperature	Н
COUCUC02	Mainstem of the Colorado River, including all tributaries and wetlands within or flowing into Arapahoe National Recreation Area.	North Inlet to Grand Lake		Cu	H
COUCUC02	Mainstem of the Colorado River, including all tributaries and wetlands within or flowing into Arapahoe National Recreation Area.	Colorado River from Shadow Mountain Reservoir to Granby Reservoir		Temperature	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Petion 3113101	303(d) Priority
COUCUC03	Mainstem of the Colorado River from Lake Granby to the Roaring Fork River.	Lake Granby to Gore Canyon	As		
COUCUC03	Mainstem of the Colorado River from Lake Granby to the Roaring Fork River.	From 578 Road Bridge		Temperature	Н
COUCUC03	Mainstem of the Colorado River from Lake Granby to the Roaring Fork River.	Mainstem of the Colorado River from the outlet of Windy Gap Resrvoir to Derby Creek	Aquatic Life		
COUCUC06b	Mainstem of unnamed tributary from the headwaters to Willow Creek Reservoir Road	all	D.O.		
COUCUC07a	All tribs to the Colorado River, including wetlands from a point abv the confluence with the Blue River to blw confluence with the Roaring Fork, which are not on National Forest Lands except specific listings in segment 7b.	Alkali Slough	Mn	Fe (Trec), Se, SO₄	L
COUCUC07a	All tribs to the Colorado River, including wetlands from a point abv the confluence with the Blue River to blw confluence with the Roaring Fork, which are not on National Forest Lands except specific listings in segment 7b.	Muddy Creek		Temperature, As	H/L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COUCUC07b	Muddy Creek from Wolford Mountain Reservoir. Rock Creek, Deep Creek, Sheephorn Creek Sweetwater Creek and Piney River.	Muddy Creek and tributaries		Temperature	Н
COUCUC07b	Muddy Creek from Wolford Mountain Reservoir. Rock Creek, Deep Creek, Sheephorn Creek Sweetwater Creek and Piney River.	Muddy Creek		As, Mn	L
COUCUC08	Williams Fork River, including all tributaries from the source to the confluence with the Colorado river, except those listed in segment 9	Below Kinney Creek	Cu		
COUCUC10a		Fraser River, Vasquez Creek		Aquatic Life (provisional)	L
COUCUC10a	Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge. All tributaries to the Fraser River, from the source to the Colorado River.	Ranch Creek		Temperature	L
COUCUC10a	Mainstem of the Fraser River from the source to a point immediately below the Rendezvous Bridge. All tributaries to the Fraser River, from the source to the Colorado River.	Vasquez Creek		Cu	Н

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)	Clean Water Act Section 303(d) Impairment	303(d) Priority
COUCUC10c	Mainstem of the Fraser River from Hammond Ditch to the Colorado River.	all		As	L
COUCUC10c	Mainstem of the Fraser River from Hammond Ditch to the Colorado River	Hammond Ditch to the bottom of Fraser Canyon			
COUCUC10c	Mainstem of the Fraser River from Hammond Ditch to the Colorado River	Below Fraser Canyon		Fe(dis)	L
COUCUC12	Lakes and reservoirs within Arapahoe National Recreation Area, including Grand Lake, Shadow Mountain Lake and Lake Granby	Willow Creek Reservoir	As	Mn, Fe(dis)	L
COUCUC12	Lakes and reservoirs within Arapahoe National Recreation Area including Grand Lake, Shadow Mountain Lake and Lake Granby	Shadow Mountain Reservoir		D.O., As	Н
COUCYA02a	Mainstem of the Yampa River from Wheeler Creek to Oak Creek.	Yampa River above Stagecoach Reservoir	Mn	As	L
COUCYA02b	Yampa River from Oak Creek to Elkhead Creek	all		Temperature, As	H/L
COUCYA03	All tributaries to Yampa River except for specific listings, on USFS land	Bushy Creek		Sediment	L
COUCYA03	All tributaries to Yampa River except for specific listings, on USFS land	Little Morrison Creek	Mn	As, Fe(Trec)	H/L
COUCYA03	All tributaries to Yampa River except for specific listings, on USFS land	Gunn Creek		As, Zn	H/L

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COUCYA04	Little White Snake Creek, source to Yampa River	all	D.O., Mn		
COUCYA08	Elk River source to Yampa River	Elk River below Morin Ditch		E. coli	Н
COUCYA08	Elk River including tributaries and wetlands from the source to Yampa River	Lost Dog Creek	Hg, As, Zn		
COUCYA12	All tributaries to the Yampa River, including all wetlands, from the confluence with the Elk River to the confluence with Elkhead Creek, which are not on National Forest lands.	Wolf Creek		Aquatic Life (provisional)	М
COUCYA13b	Mainstem of Foidel Creek, including all tributaries and wetlands. Mainstem of Fish Creek, including all tributaries from County Road 27 downstream to the confluence with Trout Creek, except for specific listings in Segment 13g. Middle Creek and all tributaries, from County Road 27 downstream to the confluence with Trout Creek.	all	Sediment		

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COUCYA13b	Mainstem of Foidel Creek, including all tributaries and wetlands. Mainstem of Fish Creek, including all tributaries from County Road 27 downstream to the confluence with Trout Creek, except for specific listings in Segment 13g. Middle Creek and all tributaries, from County Road 27 downstream to the confluence with Trout Creek.	Fish Creek	E. coli		
COUCYA13d	Mainstem of Dry Creek, including all tributaries and wetlands, from the source to just above the confluence with Temple Gulch	all		Fe(Trec) (Snowmelt season)	L
COUCYA13e	Mainstem of Sage Creek, including all tributaries and wetlands, from its sources to the confluence with the Yampa River	all	Temperature		
COUCYA13e	tributaries and wetlands,	Sage Creek below Routt County Road 51D		Se	L
COUCYA13h	Dry Creek including all tributaries from Temple Gulch to the Yampa River	all		Se	М

WBID	Segment Description	Portion	Colorado's Monitoring & Evaluation Parameter(s)		303(d) Priority
COUCYA13j	Mainstem of Grassy Creek, including all tributaries and wetlands, from the confluence with Scotchmans Gulch to the Yampa River near Hayden.	all	Se		
COUCYA15	Mainstem of Elkhead Creek and tributaries Calf Creek and 80A Road on the Dry Fork of Elkhead Creek, to the confluence with the Yampa River.	Elkhead Creek		As	Н
COUCYA18	Little Snake River including all tributaries and wetlands from forest boundary to Wyoming border	all	Cu		
COUCYA18	Little Snake River including all tributaries and wetlands from forest boundary to Wyoming border	South Fork Little Snake River	As, Fe(Dis)		
COUCYA22	All lakes and reservoirs tributary to the Yampa River, Elkhead Creek, and the Little Snake River, except Elkhead Reservoir.	Lake Catamount		Aquatic Life Use (Hg Fish Tissue)	Н
COUCYA23	Elkhead Reservoir	all		Aquatic Life Use (Hg Fish Tissue)	Н

93.4 <u>Impaired Water Bodies Not Requiring TMDLs</u>

Segments may be determined to be impaired if available data and/or information indicate that at least one classified use is not being supported, but a TMDL is not needed. These waters are broken out into three additional subcategories. Waters in these lists do not require a TMDL for one of the following reasons:

 Segments where a TMDL has been completed and approved but uses are not yet attained;

- Segments where other required control mechanisms are expected to address waterbody-pollutant combinations and will attain water quality standards in a reasonable period of time. (Category 4b Segment/Parameters)
- Segments where the impairment is not caused by a pollutant. (Category 4c Segment/Parameters)

	Impaired Water Bodies Not Requiring TMDLs							
WBID	Segment Description	Approved TMDL Parameter(s)	Category 4b Parameter(s)	Category 4c Parameter(s)	Approval Date			
COARUA01b	E. Fork Arkansas River above Birdseye Gulch	Pb, Zn			2/17/2004			
COARUA01b	E. Fork Arkansas River above Birdseye Gulch	Zn			2/17/2004			
COARUA02a	Arkansas River, Birdseye Gulch to California Gulch	Zn			6/14/2009			
COARUA02b	Arkansas River above Lake Fork	Cd, Zn			6/14/2009			
COARUA02c	Arkansas River, Lake Fork to Lake Creek	Cd, Zn			6/14/2009			
COARUA03	Arkansas River, Lake Creek to Pueblo Reservoir	Cd, Zn			6/14/2009			
COARUA05	Halfmoon Creek	Cd, Pb			6/14/2009			
COARUA07	Evans Gulch	Zn			6/14/2009			
COARUA08b	Iowa Gulch	Cd, Pb, Zn			10/26/2012			
COARUA10	Lake Creek	Cu			11/30/2010			
COARUA11	Sayres Gulch, & South Fork Lake Creek, Sayres Gulch to Lake Creek	Al, Cd, Cu, Zn, pH			6/14/2009			
COARUA12a	Chalk Creek	Pb, Zn			6/14/2009			
COGULG01	Gunnison River below N. Fork	Se			2/14/2011			
COGULG02	Gunnison River	Se			2/14/2011			
COGULG04 a	Gunnison River tributaries	Se			2/14/2011			
COGULG04 b	Lower Kannah Creek	Se			2/14/2011			
COGULG04c	Red Rock Creek	Se			2/14/2011			
COGULG09	Fruitgrowers Reservoir	DO			2/14/2013			
COGUNF03	Lower N. Fork Gunnison River	Se			2/14/2011			
COGUNF05	Leroux Creek, Jay Creek	Se			2/14/2011			
COGUNF06 a	Short Draw	Se			2/14/2011			

Impaired Water Bodies Not Requiring TMDLs					
WBID	Segment Description	Approved TMDL Parameter(s)	Category 4b Parameter(s)	Category 4c Parameter(s)	Approval Date
COGUNF06 b	Big Gulch, Cottonwood Creek	Se			2/14/2011
COGUSM03 a	San Miguel River below Idarado	Zn			9/17/2008
COGUSM03 a	San Miguel River below Idarado	Cd			8/3/2010
COGUSM03 b	San Miguel River below Idarado	sediment			8/11/2000
COGUSM03 b	San Miguel River, Marshall Creek to South Fork San Miguel River	Cd			9/17/2008
COGUSM03 b	San Miguel River, Marshall Creek to South Fork San Miguel River	Zn			9/17/2008
COGUSM06 a	Ingram Creek	Zn			9/17/2008
COGUSM06 a	Ingram Creek	Cd			8/3/2010
COGUSM06 b	Marshall Creek	Zn			9/17/2008
COGUSM06 b	Marshall Creek	Cd			8/3/2010
COGUUG30	Henson Creek	Cd			7/29/2010
COGUUG31	Palmetto Gulch	Cd			6/15/2010
COGUUG31	Henson Creek	Zn			7/29/2010
COGUUG32	Palmetto Gulch	Zn			6/15/2010
COGUUN02	Uncompahgre River, source to Red Mountain Creek	Cd, Cu, Zn			1/5/2010
COGUUN03 a	Uncompahgre River, Red Mountain Creek to Montrose	Cd, Cu, Fe (trec)			1/5/2010
COGUUN04 c	Uncompahgre River, Delta to Colorado River	Se			2/14/2011
COGUUN06 a	Red Mountain Creek, source to East Fork Red Mountain Creek	Zn(sc)			1/5/2010
COGUUN12	Uncompahgre River tributaries	Se			2/14/2011
COGUUN13	Uncompahgre River tributaries	Se			2/14/2011
CORGAL03a	Alamosa River, Alum Creek to Wightman Fork	Al, Cu, Zn pH			9/21/2007

Impaired Water Bodies Not Requiring TMDLs					
WBID	Segment Description	Approved TMDL Parameter(s)	Category 4b Parameter(s)	Category 4c Parameter(s)	Approval Date
CORGAL03b	Alamosa River, Wightman Fork to Fern Creek	Al, Cu, Zn, pH			9/21/2007
CORGAL03c	Alamosa River, Fern Creek to Ranger Creek	Al, Cu, Zn, pH			9/21/2007
CORGAL03d	Alamosa River, Ranger Creek to Terrace Reservoir	Cu, Zn, pH			9/21/2007
CORGAL05	Wightman Fork above Summitville	рН			9/21/2007
CORGAL08	Terrace Reservoir	Cu			9/21/2007
CORGAL08	Terrace Reservoir	Fe(Trec)			2/14/2013
CORGAL09	Alamosa River, Terrace Reservoir to Hwy 15	Cu			9/21/2007
CORGCB09 a	Kerber Creek above Brewery Creek	Ag, Cd, Pb			9/17/2008
CORGCB09 b	Kerber Creek, Brewery Creek to San Luis Creek	Cd, Cu, Zn			9/17/2008
CORGRG04	Rio Grande River below Willow Creek	Cd, Zn			9/23/2008
CORGRG30	Sanchez Reservoir	Hg			9/29/2008
COSJAF02	Animas River & tributaries, Denver Lake to Maggie Gulch	Al, Cd, Cu, Fe, Pb			12/6/2002
COSJAF03B	Animas River, Cement Creek to Mineral Creek	Al, Cd, Cu, Fe, Pb			12/6/2002
COSJAF04A	Animas River, Mineral Creek to Elk Creek	pH, Cu, Fe, Zn			12/6/2002
COSJAF04B	Animas River, Elk Creek to Junction Creek	Zn			12/6/2002
COSJAF07	Cement Creek, source to Animas River	Al, Cd, Cu, Pb, Fe			12/6/2002
COSJAF08	Mineral Creek, source to South Mineral Creek	Al, Cd, Cu, Pb, Fe			12/6/2002
COSJAF09b	Mineral Creek, South Mineral Creek to Animas River	pH, Cu, Fe, Zn			12/6/2002
COSJDO04	McPhee Reservoir	Hg (Phase 1)			2/14/2004
COSJDO09	Silver Creek from Rico's diversion to Dolores River	Cd			8/22/2008
COSJDO09	Silver Creek from Rico's diversion to Dolores River	Zn			8/22/2008
COSJLP04	Box Canyon Creek	sediment			8/30/2000
COSJLP04a	East Fork Mancos River	Cu, Mn			7/27/2012

Impaired Water Bodies Not Requiring TMDLs					
WBID	Segment Description	Approved TMDL Parameter(s)	Category 4b Parameter(s)	Category 4c Parameter(s)	Approval Date
COSJLP08	Narraquinnepp Reservoir	Hg (Phase 1)			2/14/2004
COSPBO02b	Boulder Creek	E. coli			9/27/2011
COSPBO04a	Gamble Gulch	Cu, Zn, pH			6/30/2009
COSPBO04a	Gamble Gulch	Cd, zn			8/12/2010
COSPBO09	Boulder Creek, South Boulder Creek to Coal Creek	NH ₃			7/14/2003
COSPBO10	Boulder Creek, Coal Creek to St. Vrain Creek	NH₃			7/14/2003
COSPCL02	Clear Creek, Silver Plume to Argo Tunnel	Cu, Pb, Zn			9/18/2008
COSPCL03a	South Clear Creek downstream of Lower Cabin Creek Reservoir to Clear Lake	Zn			9/18/2008
COSPCL03a	Lower Cabin Creek Reservoir to Clear Creek		Aquatic Life		1/11/2016
COSPCL03b	Leavenworth Creek	Pb, Zn			9/18/2008
COSPCL09a	Fall River	Cu			9/18/2008
COSPCL09b	Trail Creek	Cd, Cu, Pb, Zn			9/18/2008
COSPCL11	Clear Creek, Argo Tunnel to Farmers Highline Canal	Cd, Pb, Zn			9/18/2008
COSPCL13	North Fork Clear Creek	Cd, Fe, Mn, Zn			9/18/2008
COSPCP07	North Fork Cache la Poudre River, Hall Reservoir to Cache la Poudre River	sediment			7/25/2002
COSPMS01 a	South Platte River from Big Dry Creek to St. Vrain Creek		Ammonia & Nitrate		8/20/2009
COSPMS04	Milton Reservoir	DO, pH			6/27/2013
COSPMS04	Barr Lake	DO, pH			6/27/2013
COSPSV03	St. Vrain Creek, Hygiene Road to South Platte River	NH ₃			7/14/2003
COSPSV04	Little James Creek	Cd, Fe, Mn, Zn, pH			7/17/2002
COSPSV04a	Left Hand Creek Hyw 72 to James Ck	Cd, Cu, Zn, pH			9//1/2015
COSPSV04b	James Creek	Cd, Cu, Pb, Zn			9//1/2015
COSPSV04b	Little James Creek	Cd, Cu, Pb, Zn, pH			9//1/2015

Impaired Water Bodies Not Requiring TMDLs					
WBID	Segment Description	Approved TMDL Parameter(s)	Category 4b Parameter(s)	Category 4c Parameter(s)	Approval Date
COSPSV04c	Left Hand Creek below James Creek	Cu			9//1/2015
COSPUS01 A	South Platte River, source to North Fork South Platte River	sediment			7/22/2002
COSPUS02 B	Mosquito Creek	Cd, Pb, Zn			8/11/2000
COSPUS02 C	South Mosquito Creek	Cd, Fe, Mn, Zn			8/11/2000
COSPUS04	Hall Valley to Geneva Creek	Cu			9/17/2008
COSPUS05a	Geneva Creek, source to Scott Gomer Ck	Cd, Cu, Mn, Zn			9/20/2010
COSPUS05b	Geneva Creek, Scott Gomer Creek to N. Fork S. Platte River	Cu			8/22/2008
COSPUS05b	Geneva Creek, Scott Gomer Creek to N. Fork S. Platte River	Zn			8/22/2008
COSPUS14	South Platte River, Bowles Avenue to Burlington Ditch	NO ₃			6/4/2004
COSPUS14	S. Platte River, Bowles Ave. to Burlington Ditch	E. coli			10/30/2007
COSPUS15	South Platte, Burlington Ditch to Big Dry Creek	DO			7/30/2000
COSPUS15	South Platte River, Burlington Ditch to Big Dry Creek	Cd			9/8/2006
COSPUS15	South Platte, Burlington Ditch to Big Dry Creek	Cd			7/19/2011
COSPUS15	South Platte, Burlington Ditch to Big Dry Creek		Ammonia & Nitrate		8/20/2009
COUCBL06	Snake River, source to Dillon Reservoir	Cd, Cu, Pb, Zn, pH			9/23/2008
COUCBL07	Peru Creek	Cd, Cu, Pb, Zn, pH, Mn			9/23/2008
COUCBL12	Illinois Gulch	Zn			2/1/2010
COUCBL12	Illinois Gulch	Cd			6/13/2011
COUCBL18	Straight Creek	sediment			8/11/2000
COUCEA05(a,b,&c)	Eagle River, Belden to Gore Creek	Cu, Zn			8/31/2009
COUCEA07b	Cross Creek, source to Eagle River	Cu, Zn			8/31/2009
COUCUC06 C	Un-named tributary to Willow Creek	NH₃.			7/30/2000

93.5 - 93.9 Reserved

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93.15 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; DECEMBER 2015 RULEMAKING, FINAL ACTION JANUARY 11, 2016, EFFECTIVE DATE OF MARCH 1, 2016

The provisions of C.R.S. 25-8-202(1)(a), (b) and (i), (2) and (6); 25-8-203; 25-8-204; and 25-8-401; provide the specific statutory authority for adoption of these regulatory amendments. The Commission also adopted in compliance with 24-4-103(4) C.R.S. the following statement of basis and purpose.

BASIS AND PURPOSE

A. Revisions to 303(d) List

1. Introduction

This regulation updates Colorado's List of Water-Quality-Limited Segments Requiring Total Maximum Daily Loads (TMDLs) to reflect additional water quality information available since the Regulation was promulgated in 2006. This list was prepared to fulfill section 303(d) of the federal Clean Water Act (Act) which requires that states submit to the U.S. Environmental Protection Agency (EPA) a list of those waters for which technology-based effluent limitations and other required controls are not stringent enough to implement water quality standards.

This regulation also updates Colorado's Monitoring and Evaluation List (M&E List) to reflect additional water quality information available since the Regulation was last promulgated in 2012.

List Development

a. Listing Methodology

The Section 303(d) Listing Methodology - 2016 Listing Cycle ("Listing Methodology") provides the listing process, the criteria for listing, and the criteria for determination of TMDL priority. The Listing Methodology was developed through a public process and finalized as a policy at a Water Quality Control Commission (Commission) administrative action hearing in March 2015.

This Listing Methodology sets forth the criteria that generally were used to make decisions regarding which waters to include on the 2016 Section 303(d) List and the 2016 M&E List. However, this methodology was not adopted by the Commission as a rule. The Commission therefore has the flexibility to take into account other appropriate factors in making site-specific listing decisions.

b. Information Considered

To determine the final segments and parameters that would be included on the 303(d) list and M&E list, the Commission considered all existing and readily available information that relates to the segments included in the Notice of Rulemaking (published August 10, 2015). The Commission considered existing and readily available data, which includes the data used to prepare the identification processes, calculations and models referenced in 40 CFR §130.7(a)(5)(i), (ii) and (iv), and data that was presented in a readily usable format and submitted in conformance with 40 CFR §130.7(a)(5)(iii). In addition,

the Commission accepted credible data and information that was submitted in accordance with the listing process schedule. The Division will continue to independently collect and analyze new data on a rotating basin basis as part of its triennial review efforts, and the Commission will utilize such data and information in making future listing determinations. Existing data which was not brought forward through one of these mechanisms or otherwise presented to the Commission in accordance with the schedule was not treated as "readily available" for purposes of making the 2016 listing decisions. Such information will be considered in the next listing cycle if the information is provided through a proper mechanism.

c. Data Quality

In the Division's Quality Management Plan 2011 for the Collection and Utilization of Environmental Data, the Division states that "[i]t is the expressed goal of the Division to use only those analytical data that are both reliable and have a defined level of quality."

3. Segment Prioritization

The objective of prioritization is to identify those segments where the Division and the public should concentrate their resources. Priorities of High, Medium and Low were established according to section IV of the 2016 Section 303(d) Listing Methodology.

The Division remains committed to establishing a plan for monitoring and evaluating water bodies on the M&E List prior to the list submission date for the subsequent listing cycle. Further, the Commission has committed to determining their appropriate status (as either impaired or fully supporting) within ten years of their placement on the M&E List.

4. Impaired Segments Not Requiring TMDLs

In the 2016 listing cycle, the Commission has added a list of impaired waters where a TMDL is not required. There are three primary reasons why the Commission did not require a TMDL for an impaired segment: (1) a TMDL has already been completed, but the classified uses are not yet attained but will be in the foreseeable future; (2) there is a required control mechanism in place that is expected to address all segment-pollutant combinations and the segment will attain water quality standards in a reasonable period of time; or (3) the Commission determined that the impairment is not caused by a pollutant. These segments have been included in section 93.4.

5. Fish Mercury (Hg) Listings

The 303(d) Listing Methodology was revised in 2014 for the assessment of Fish Mercury (Hg). The methods compare the weighted average fish Hg for each waterbody and species (and size class, where appropriate) to a 0.3 ppm threshold. The sample size must meet or exceed 30 fish tissue samples per waterbody/species to list new waterbodies for Fish Hg. Waterbodies can also be listed if there is overwhelming evidence of impairment (>0.45 ppm Hg) and a sample size of at least 10 fish tissue samples.

The Commission retained the following 15 lakes on the 303(d) List:

- Lower Arkansas segment 15, Trinidad Reservoir (COARLA15)
- Middle Arkansas segment 26, Horseshoe Lake (COARMA26)
- Upper Arkansas segment 40, Brush Hollow Reservoir (COARUA40)

- Lower Colorado segment 20, Rifle Gap Reservoir (COLCLC20)
- Dolores River segment 4b, McPhee Reservoir (COSJDO04b)
- La Plata segment 11, Narraguinnep Reservoir (COSJLP11)
- La Plata segment 11, Totten Reservoir (COSJLP11)
- Los Pinos segment 3, Vallecito Reservoir (COSJPN03)
- San Juan segment 8, Echo Canyon Reservoir (COSJSJ08)
- Big Thompson segment 11, Carter Lake (COSPBT11)
- Cache la Poudre segment 14, Horsetooth Reservoir (COSPCP14)
- Upper South Platte segment 17a, Berkeley Lake (COSPUS17a)
- Upper South Platte segment 17a, Rocky Mountain Lake (COSPUS17a)
- Yampa River segment 23, Catamount Reservoir (COUCYA22)
- Yampa River segment 22, Elkhead Reservoir (COUCYA23)

The Commission retained the following 3 lakes on the M&E List:

- Middle Arkansas segment 27, Teller Reservoir (COARMA27)
- San Juan segment 8, Navajo Reservoir (COSJSJ08)
- Boulder Creek segment 18, Gross Reservoir (COSPBO18)

The Commission moved the following lake from the M&E List to the 303(d) List:

North Platte segment 9, Big Creek Reservoir (COUCNP09)

The Commission added the following lake to the M&E List:

• Upper South Platte segment 19, Cheesman Reservoir (COSPUS19)

The Commission removed the following lakes from the 303(d) List or the M&E List:

- Big Thompson segment 12, Boyd Lake (COSPBT12)
- Big Thompson segment 14, Lonetree Reservoir (COSPBT14)
- Upper Colorado segment 12, Lake Granby (COUCUC12)

6. Aquatic Life Listings

In October 2010, the Commission adopted Policy 10-1, Aquatic Life Use Attainment Commission's Policy ("Policy 10-1"), which established that the Colorado multi-metric index ("MMI") is an appropriate tool for the quantitative bioassessment of the health of aquatic communities. Utilizing the Commission Policy 10-1, the Division calculated over 750 MMI scores for the 2016 listing cycle. Based on this assessment, the Commission determined that 53 new segments were not attaining, with an additional 14 new segments included on the M&E List. These segments are in addition to 23 segments that were previously included on the 2012 303(d) List, and 5 segments that were previously included on the 2012 M&E List. For 50 of these segments that are not attaining for aquatic life a specific pollutant could not be identified as the cause of non-attainment, accordingly these 50 segments were listed as provisional.

Several segments had data outside of the standard index period for data collection. The Commission included these segments on the M&E List in 2012 to allow the Division and parties to gather additional information within the standard index period. The 2016 Listing Methodology allowed additional flexibility to include additional data that was collected four weeks after the October deadline to be considered in the index period. This resulted in the Commission moving some segments from the M&E List to the 303(d) List. Any data collected outside of the standard index period was not used for the 2016 listing cycle.

The Commission added the following segments to the 303(d) List for non-attainment of their Aquatic Life Use based on Policy 10-1:

- White River segment 7 (COLCWH07)
- White River segment 23, East Douglas Creek (COLCWH23)
- Closed Basin segment 2a, North Fork Carnero Creek (CORGCB02a)
- Closed Basin segment 2b, La Garita Creek (CORGCB02b)
- Rio Grande segment 11 (CORGRG11)
- Rio Grande segment 20a (CORGRG20a)
- Big Thompson segment 2 (COSPBT02)
- Upper Gunnison segment 01, Stewart Creek (COGUUG01)
- Upper Gunnison segment 4, Taylor River (COGUUG04

The Commission provisionally added the following segments to the 303(d) List for non-attainment of their Aquatic Life Use based on Policy 10-1:

- Fountain Creek segment 3a, West Monument Creek (COARFO03a)
- Fountain Creek segment 6 (COARFO06)
- Lower Arkansas segment 6a, Apache Canyon (COARLA06a)
- San Miguel segment 12a, MaKenzie Creek (COGUSM12a)
- Upper Gunnison segment 2, Willow Creek (COGUUG02)
- Upper Gunnison segment 18b (COGUUG18b)
- Upper Gunnison segment 19, Razor Creek (COGUUG19)
- Upper Gunnison segment 26, Crystal Creek (COGUUG26)
- Closed Basin/San Luis Valley segment 9b, Kerber Creek from U S Gulch to the confluence with San Luis Creek (CORGCB09b)
- La Plata segment 5a (COSJLP05a)
- La Plata segment 6a (COSJLP06a)
- Piedra River segment 6a (COSJPI06a)
- Bear Creek segment 2 (COSPBE02)
- Boulder Creek segment 7a (COSPBO07a)
- Cache la Poudre segment 2a (COSPCP02a)
- Lower South Platte segment 2b, Kiowa Creek (COSPLS02b)
- Upper South Platte segment 3, Pine Creek, Fourmile Creek and West Creek (COSPUS03)
- Upper South Platte segment 10a, East Plum Creek (COSPUS10a)
- Upper South Platte segment 11b, Spring Creek (COSPUS11b)
- Blue River segment 1 (COUCBL01)
- Blue River segment 2b, Blue River to the confluence with Swan River (COUCBL02b)
- Blue River segment 2c (COUCBL02c)
- Blue River segment 5 (COUCBL05)
- North Platte segment 4a, Little Grizzly Creek (COUCNP04a)
- Yampa segment 12, Wolf Creek (COUCYA12)

The Commission retained the following segments on the 303(d) List for non-attainment of their Aquatic Life Use:

- White River segment 13c, Yellow Creek from Barcus Creek to the White River (COLCWH13c)
- Clear Creek segment 14b (COSPCL14b)
- Clear Creek segment 15 (COSPCL15)
- Big Thompson segment 9, Little Thompson River (COSPBT09)

The Commission retained the following segments provisionally on the 303(d) List for non-attainment of their Aquatic Life Use:

- Upper Arkansas segment 21a, Squaw Gulch to a point 1.5 miles upstream of the confluence with Fourmile Creek (COARUA21a)
- San Miguel segment 12a, Maverick Draw (COGUSM12a)
- Upper Gunnison segment 24, Cochetopa Creek from Forest Rd 43 to Tomichi Creek (COGUUG24)
- Uncompanded segment 11, Deer Creek (COGUUN11)
- Lower Yampa/Green River segment 22a, Talamantes Creek (COLCLY22a)
- White River segment 15, Piceance Creek (COLCWH15)
- White River segment 20, Black Sulphur Creek (COLCWH20)
- Rio Grande segment 12 (CORGRG12)
- Boulder Creek segment 9, From 107th Street to the confluence with Coal Creek (COSPBO09)
- Upper South Platte segment 10a, West Plum Creek (COSPUS10a)
- Upper South Platte segment 11a, Cook Creek (COSPUS11a)
- Eagle River segment 6, Mainstem of Lake Creek from confluence with East and West Lake Creek to the mouth (COUCEA06)
- Eagle River segment 6, Red Sandstone Creek to confluence with Gore Creek (COUCEA06)
- Eagle River segment 8 (COUCEA08)
- Roaring Fork segment 3a, Roaring Fork from Hunter Creek to Trentaz Gulch (COUCRF03a)
- Roaring Fork segment 3a, West Sopris Creek (COUCRF03a)
- Roaring Fork segment 3d, Cattle Creek from Bowers Gulch (COUCRF03d)
- Roaring Fork segment 7, South Fork of Frying Pan River from diversion to unnamed tributary (COUCRF07)
- Upper Colorado segment 10a, Fraser River and Vasquez Creek (COUCUC10a)

The Commission added the following segments to the M&E List for possible non-attainment of their Aquatic Life Use:

- Upper Arkansas segment 14c, North Hardscrabble Creek (COARUA14c)
- Upper Arkansas segment 15 (COARUA15)
- Rio Grande segment 7 (CORGRG07)
- Lower Yampa/Green River segment 3i (COLCLY03i)
- La Plata/Mancos/McElmo/San Juan segment 4a (COSJLP04a)
- San Juan segment 5, Mainstem San Juan River (COSJSJ05)
- Clear Creek segment 2c (COSPCL02c)

The Commission retained the following segments on the M&E List for possible non-attainment of their Aquatic Life Use:

- Upper Arkansas segment 5. Lake Fork below Sugarloaf Dam (COARUA05)
- White River segment 13b, Duck Creek (COLCWH13b)
- Boulder Creek segment 7b (COSPBO07b)
- Clear Creek segment 1. Kearney Gulch and Grizzly Gulch (COSPCL01)
- Upper South Platte segment 2a, South Fork of South Platte below Antero Reservoir (COSPUS02a)
- Upper South Platte segment 3, Trout Creek (COSPUS03)
- Blue River segment 17 (COUCBL17)
- Eagle River segment 6, Black Gore Creek (COUCEA06)
- Eagle River segment 6, Red Sand Stone Creek from USFS Boundary to northside of I-70 frontage road (COUCEA06)
- Upper Colorado segment 3, Colorado River from Windy Gap Reservoir to Derby Creek (COUCUC03)

The Commission expanded the portion of Upper Colorado segment 3 that is on the M&E List to include the portion from the outlet of Windy Gap Reservoir to Derby Creek. Despite improving MMI scores in the upper reach, the Commission was concerned about declining taxa in the upper reach, and feels the stream would benefit from additional investigation.

The Commission removed the following segments from the 303(d) List for attainment of their Aquatic Life Use:

- Upper Arkansas segment 21a, Cripple Creek from source to above Squaw Gulch (COARUA21a)
- Upper Gunnison segment 6b, Cement Creek (COGUUG06b)
- Upper Gunnison segment 29a, Lake Fork of the Gunnison River between Cooper and Silver Creek (COGUUG29a)
- White River segment 23, West Douglas Creek (COLCWH23)
- Bear Creek segment 1a, Bear Creek (COSPBE01a)
- St. Vrain segment 3, From the confluence with Left Hand Creek to the confluence with Boulder Creek (COSPSV03)
- Roaring Fork segment 4, Mainstem Brush Creek (COUCRF04)
- Yampa River segment 15, Elkhead Creek (COUCYA15)

The Commission removed the following segments from the M&E List for attainment of the Aquatic Life Use standard:

- Fountain Creek segment 4, Sand Creek (COARFO04)
- Upper Gunnison segment 8, Slate River (COGUUG08)
- Bear Creek segment 1e, All (COSPBE01e)
- Bear Creek segment 2, Below Kipling Parkway (CO 391) (COSPBE02)
- Boulder Creek segment 10 (COSPBO10)
- Lower South Platte segment 1 (COSPLS01)
- St. Vrain segment 3, From Hover Road to the confluence of Left Hand Creek (COSPSV03)
- Upper South Platte segment 11b, Bear Creek (COSPUS11b)
- North Platte segment 4a. Grizzly Creek (COUCNP04a)

The Commission moved the following segments from the M&E List to the 303(d) List, provisionally:

- Upper South Platte segment 6a, South Platte from Cheeseman Reservoir to Lazy Gulch (COSPUS06a)
- Upper South Platte segment 01a, South Platte River from the outlet of Elevenmile Reservoir to the Idlewilde picnic area (COSPUS01a)
- Upper South Platte segment 11b, Spring Creek (COSPUS11b)
- Eagle River segment 6, Beaver Creek from Wayne Creek to mouth (COUCEA06)
- Eagle River segment 9a, Eagle River from confluence with Berry Creek to confluence with Squaw Creek (COUCEA09a)
- North Platte segment 4a, Little Grizzly Creek (COUCNP04a)

The Commission removed the provisional qualifier for the non-attainment of the Aquatic Life Use standard for the following segments:

- Upper Gunnison segment 15a, South Beaver Creek (COGUUG15a)
- Clear Creek segment 14a, Clear Creek from Croke Canal to McIntyre Street (COSPCL14a)
- Upper South Platte segment 3, Horse Creek (COSPUS03)

7. Narrative Sediment Standard Listings

The Commission adopted a new approach in the 2016 Listing Methodology to evaluate impairment of the narrative sediment standard. This methodology, which is described in the Commission's Policy 98-1, Guidance for the Implementation of Colorado's Narrative Stream Standard Regulation #31, Section 31.11(1)(a)(i), includes assessment of the macroinvertebrate population using a sediment tolerance indicator score and the percent fines as compared to a regional threshold. An impairment listing is further supported by a review of the watershed for differences of the sampling site from the range of conditions used to establish the expected condition for the sediment region, as well as the presence of likely anthropogenic sources of sediment.

The Commission added the following segments to the 303(d) List for non-attainment of the narrative sediment standard:

- White River segment 13b (COLCWH13b)
- White River segment 23, East Douglas Creek from just below Tommy's Draw to the confluence with Douglas Creek (COLCWH23)
- Closed Basin segment 12a, East Pass Creek (CORGCB12a)

The Commission added the following segments to the M&E List for potential nonattainment of the narrative sediment standard:

- Yampa River segment 13b (COUCYA13b)
- North Platte segment 4a, Sand Creek (COUCNP04a)

The Commission removed the following segment from the 303(d) List for attainment of the narrative sediment standard:

 Upper South Platte segment 3, Trout Creek and its tributaries on USFS land (COSPUS03)

The Commission removed the following segments from the M&E List for attainment of the narrative sediment standard:

- Lower Yampa segment 2 (COLCLY02)
- Upper South Platte segment 3, Sugar Creek on USFS land (COSPUS03)
- Upper South Platte segment 3, Pine Creek on USFS land (COSPUS03)

The Commission retained these segments on the 303(d) List for non-attainment of the narrative sediment standard as no new data was available:

- Lower Colorado segment 13b, Salt Creek (COLCLC13b)
- White River segment 22, West Evacuation Wash, Douglas Creek (COLCWH22)
- Eagle River segment 6, Black Gore Creek, adjacent to I-70 (COUCEA06)
- Eagle River segment 9a, Eagle River from confluence with Berry Creek to confluence with Squaw Creek (COUCEA09a)
- Yampa River segment 3, Bushy Creek (COUCYA03)
- Clear Creek segment 14b (COSPCL14b)
- Clear Creek segment 15 (COSPCL15)

The Commission retained these segments on the M&E List for non-attainment of the narrative sediment standard as no new data was available:

- Lower Arkansas segment 7 (COARLA07)
- Lower Gunnison segment 2 (COGULG02)
- Lower Gunnison segment 11b, Lunch Creek (COGULG11b)
- Uncompandere River segment 4a (COGUUN04a)
- Uncompandere River segment 4b (COGUUN04b)
- Uncompandere River segment 4c (COGUUN04c)
- Uncompange River segment 15b, Dry Creek Watershed (COGUUN15b)
- Lower Colorado segment 1 (COLCLC01)
- Lower Colorado segment 2a (COLCLC02a)
- Lower Colorado segment 2b (COLCLC02b)
- Lower Yampa segment 16 (COLCLY16)
- Rio Grande segment 13 (CORGRG13)
- Los Pinos segment 6a, Stollsteimer Creek above Southern Ute boundary (COSJPI06a)
- Eagle River segment 9a, Eagle River from Gore Creek to confluence with Berry Creek (COUCEA09a)

8. Listings Due to Exceedances of the Temperature Standards

The 2016 Listing Methodology requires that the party proposing a temperature listing is responsible for investigating the temperature excursions as defined in Regulation No. 31, Footnote 5c, Table 1. This footnote includes four allowable excursions to exceedances of the temperature standard. These include an air temperature excursion, a low flow excursion, an excursion for the upper portion of a lake or reservoir and a winter shoulder season excursion. For the 2016 listing cycle the Division analyzed water temperature data from more than 240 stations in more than 100 segments. In cases where the excursions were evaluated and exceedances of the temperature standards remained, the Commission included these segments on the 303(d) List. In cases where the excursions were not fully evaluated and exceedances of the temperature standards remained, the Commission included these segments on the M&E List.

The Commission added the following segments to the 303(d) List for exceedances of the temperature standards (portions are indicated where appropriate):

- Fountain Creek segment 6 (COARFO06)
- Lower Arkansas segment 3a (COARLA03a)
- Middle Arkansas segment 2 (COARMA02)
- Lower Dolores segment 2 (COGULD02)
- Upper Gunnison segment 8 (COGUUG08)
- Lower Colorado segment 1 (COLCLC01)
- White River segment 7 (COLCWH07)
- White River segment 13c, Yellow Creek below Greasewood Creek (COLCWH13c)
- White River segment 15, Piceance Creek from 3 miles above the confluence with the White River, to the confluence with the White River. (COLCWH15)
- White River segment 23 (COLCWH23)
- Rio Grande segment 4b (CORGRG04b)
- Bear Creek segment 1b (COSPBE01b)
- Bear Creek segment 1e (COSPBE01e)
- Bear Creek segment 3 (COSPBE03), Vance Creek
- Big Thompson segment 2, From Cedar Creek to Home Supply Canal (COSPBT02)
- Clear Creek segment 11 (COSPCL11)
- Clear Creek segment 13b, Mainstem of North Clear Creek (COSPCL13b)
- Clear Creek segment 14a (COSPCL14a)
- Clear Creek segment 15 (COSPCL15)

- Upper South Platte segment 3, Goose Creek (COSPUS03)
- Blue River segment 17, Blue River downstream of Green Mtn Reservoir (COUCBL17)
- Roaring Fork segment 3c (COUCRF03c)
- Upper Colorado segment 2, Colorado River from Shadow Mountain Reservoir to Granby Reservoir (COUCUC02)
- Upper Colorado segment 2, Willow Creek, Stillwater Creek and Arapaho Creek (COUCUC02)
- Upper Colorado segment 7a, mainstem of Muddy Creek (COUCUC07a)
- Yampa River segment 2a, Yampa River below Stagecoach Reservoir (COUCYA02a)
- Yampa River segment 2b (COUCYA02b)

The Commission added the following segments to the M&E List for exceedances of the temperature standards (where portions are not indicated the entire segment was listed):

- Lower Arkansas segment 5b (COARLA05b)
- Lower Arkansas segment 6a, Reilly Canyon and Sarcillo Canyon(COARLA06a)
- Lower Arkansas segment 6b (COARLA06b)
- Middle Arkansas segment 7b (COARMA07b)
- Upper Arkansas segment 4a (COARUA04a)
- Lower Gunnison segment 8 (COGULG08)
- Closed Basin segment 12a (CORGCB12a)
- San Miguel segment 10, Naturita Creek (COGUSM10)
- San Miguel segment 12b (COGUSM12b)
- Lower Colorado segment 4a (COLCLC04a)
- Alamosa River segment 11b (CORGAL11b)
- Los Pinos River segment 4a, East Mancos River (COSJLP04a)
- Piedra River segment 5 (COSJPI05)
- San Juan River segment 6a (COSJSJ06a)
- San Juan River segment 10 (COSJSJ10)
- Bear Creek segment 6a, Turkey Creek below Parmelee Gulch (COSPBE06a)
- Bear Creek segment 6b (COSPBE06b)
- Clear Creek segment 14b (COSPCL14b)
- Clear Creek segment 17b (COSPCL17b)
- Upper South Platte segment 3, Trout Creek and tributaries on USFS property (COSPUS03)
- Upper South Platte segment 10a, Plum Creek (COSPUS10a)
- Upper South Platte segment 15 (COSPUS15)
- Upper South Platte segment 16g (COSPUS16g)
- Yampa River segment 13e (COUCYA13e)

The Commission retained the following segments on the 303(d) List for exceedances of the temperature standards:

- Bear Creek segment 1a, Bear Creek below the confluence with Yankee Creek (COSPBE01a)
- Cache la Poudre segment 10a (COSPCP10a)
- Saint Vrain segment 2b (COSPSV02b)
- Upper Colorado segment 3, From 578 Road Bridge (COUCUC03)
- Upper Colorado segment 7b, Muddy Creek and tributaries (COUCUC07b)
- Upper Colorado segment 10a, Ranch Creek (COUCUC10a)

The Commission retained the following segment on the M&E List for exceedances of the temperature standards:

Upper South Platte segment 2a, Twin Creek, on USFS Land (COSPUS02a)

The Commission delisted the following segments from the 303(d) List or the M&E List for exceedances of the temperature standards:

- Bear Creek segment 1e, Bear Creek from the outlet of Evergreen Lake to Kerr/Swede Gulch (COSPBE01e)
- Upper South Platte segment 2a, Salt Creek (COSPUS02a)
- Eagle River segment 9a, Eagle River from Berry Creek to confluence with Ute Creek (COUCEA09a)
- Eagle River segment 9a, Eagle River from Ute Creek to confluence with Rube Creek (COUCEA09a)
- Upper Colorado segment 10c (COUCUC10c)
- Yampa River segment 2c (COUCYA02c)
- Bear Creek segment 1a, Bear Creek from Witter Gulch to Evergreen Lake (COSPBE01a)

The Commission moved the following segment from the 303(d) List to the M&E List for exceedances of the temperature standards:

- Big Thompson segment 8 (COSPBT08)
- 9. Listings Due to Exceedances of the Secondary Water Supply Standards

For the secondary water supply standards of dissolved iron, manganese and sulfate, the less restrictive of the following two options apply as the numeric standard: existing quality as of January 1, 2000 or the table value criteria in Regulation No. 31, Tables II and III. For dissolved iron, the table value standard (TVS) is 300 ug/l. For dissolved manganese, the TVS is 50 ug/l. For sulfate, the TVS is 250 mg/l.

In the 2016 303(d) Listing Methodology, the Commission included additional language regarding the determination of existing quality from the year 2000. This included a minimum data requirement of ten data points, and the ability to use data collected after the year 2000 when characterizing existing quality from 2000. However, pursuant to section 31.11(6) of Regulation 31, the use of data collected after 2000 may only be used upon a showing that there are no new or increased sources of these pollutants in the segment being assessed since 2000.

Some issues were raised regarding whether the data should be assessed station by station when comparing concentrations from 2000 to current conditions or can data be aggregated for the entire segment (or a portion of the segment). The Commission determined that unless a good reason was presented to assess station to station, data should be combined and assessed to characterize water quality as of 2000 and current conditions for manganese, dissolved iron and sulfate.

In the following segments, the TVS was less restrictive than water quality as of the year 2000. Therefore, the TVS was used as the standard for these listing decisions. The Commission added the following segments to the 303(d) List:

- Middle Arkansas segment 2, mainstem of the Arkansas River from Pueblo Reservoir to Blue Ribbon Creek: manganese (COARMA02)
- Lower Yampa/Green River segment 3c, Wilson Creek: sulfate (COLCLY03c)
- Boulder Creek segment 2a, Como Creek to the confluence of North Boulder Creek: dissolved iron (COSPBO02a)
- Big Thompson segment 8, From source to St Vrain Supply Canal: sulfate

(COSPBT08)

- Cache la Poudre segment 7: manganese (COSPCP07)
- Cache la Poudre segment 13a, Dry Creek: manganese and sulfate (COSPCP13a)
- Middle South Platte segment 1b: manganese (COSPMS01b)
- Upper Colorado segment 7a, Alkali Slough: sulfate (COUCUC07a)

In the following segments, the existing quality as of 2000 was greater (less restrictive) than the TVS. Therefore, the water quality representative of 2000 was used as the standard for these listing decisions. The Commission added the following segments to the 303(d) List:

- Fountain Creek segment 1a, Mainstem: manganese (COARFO01a)
- Lower Arkansas segment 1b: manganese (COARLA01b)
- Lower Arkansas segment 1c: manganese (COARLA01c)
- Lower Arkansas segment 4a: sulfate (COARLA04a)
- Middle Arkansas segment 6b: manganese and sulfate (COARMA06b)
- Lower Colorado segment 14c: manganese (COLCLC14c)
- Lower Yampa segment 3c, Stinking Gulch: sulfate (COLCLY03c)
- Clear Creek segment 2c, Turkey Gulch below Rockford Tunnel: manganese and dissolved iron (COSPCL02c)
- Upper South Platte segment 3, Trout Creek and tributaries on USFS property: manganese (COSPUS03)
- Upper South Platte segment 5b, Geneva Creek: manganese (COSPUS05b)
- Blue River segment 06a: manganese (COUCBL06a)
- Eagle River segment 5c: dissolved iron (COUCEA05c)
- North Platte segment 4a, Snyder Creek: manganese and dissolved iron (COUCNP04a)
- Upper Colorado segment 10c, below Fraser Canyon: dissolved iron (COUCUC10c)

In the following segments, the TVS was less restrictive than water quality as of the year 2000. Therefore, the TVS was used as the standard for these listing decisions. The Commission added the following segments to the M&E List:

- Middle Arkansas segment 6a: manganese (COARMA06a)
- Upper Arkansas segment 38, Skagway Reservoir: dissolved iron (COARUA38)
- Upper Gunnison segment 29a, Lake Fork of the Gunnison upstream of Cottonwood Creek: manganese (COGUUG29a)
- Lower Colorado segment 4a: sulfate (COLCLC04a)
- Lower Yampa/Green River segment 3c, Wilson Creek: manganese (COLCLY03c)
- Lower Yampa/Green River segment 6: sulfate (COLCLY06)
- Lower White segment 9b: manganese (COLCWH09b)
- Lower White segment 13b, Corral Gulch: manganese (COLCWH13b)
- Alamosa River segment 20: dissolved iron (CORGAL20)
- Closed Basin segment 12a, Ford Creek: manganese (CORGCB12a)
- Rio Grande segment 2, South Clear Creek: dissolved iron (CORGRG02)
- Rio Grande segment 38, Big Meadows Reservoir: dissolved iron and manganese (CORGRG38)
- Rio Grande segment 38, Road Canyon Reservoir: dissolved iron (CORGRG38)
- Boulder Creek segment 2a, North Boulder Creek from Caribou Creek to the confluence with Como Creek: dissolved iron (COSPBO02a)
- Big Thompson segment 7, Buckhorn Creek: manganese (COSPBT07)
- Boulder Creek segment 2a, from the outlet of Barker Reservoir to Longitude:

105.475577°Latitude: 39.971275°: manganese (COSPBO02a)

- Cherry Creek segment 1: manganese (COSPCH01)
- Clear Creek segment 3b, Leavenworth Creek: manganese (COSPCL03b)
- Clear Creek segment 6, North Empire Creek: sulfate (COSPCL06)
- Clear Creek segment 12a, Gilson Gulch and tributaries: dissolved iron, manganese, and sulfate (COSPCL12a)
- Cache la Poudre segment 7: dissolved iron (COSPCP07)
- Laramie River segment 2a: manganese (COSPLA02a)
- St. Vrain segment 4a, (Hwy 72 to James Creek): manganese (COSPSV04a)
- North Platte segment 3: dissolved iron (COUCNP03)
- Yampa River segment 18, South Fork Little Snake River: dissolved iron (COUCYA18)

In the following segments, the existing quality as of 2000 was greater (less restrictive) than the TVS. Therefore, the water quality representative of 2000 was used as the standard for these listing decisions. The Commission added the following segments to the M&E List:

- Lower Arkansas segment 2a: manganese and sulfate (COARLA02a)
- Middle Arkansas segment 6b: sulfate (COARMA06b)
- Upper Arkansas segment 5, Lake Fork below Sugarloaf Dam to the confluence with the Arkansas River and Colorado Gulch: manganese (COARUA05)
- Upper Arkansas segment 38, Skagway Reservoir: manganese (COARUA38)
- Lower Colorado segment 2b, Humphrey Backwater area: manganese and sulfate (COLCLC02b)
- Lower Yampa/Green River segment 3e: sulfate (COLCLY03e)
- Lower Yampa/Green River segment 6: manganese (COLCLY06)
- White River segment 13b, Stake Springs: sulfate (COLCWH13b)
- Alamosa River segment 2: dissolved iron and manganese (CORGAL02)
- Closed Basin segment 9a, Squirrel Creek: manganese (CORGCB09a)
- Rio Grande segment 4c: manganese (CORGRG04c)
- Clear Creek segment 6, North Empire Creek: dissolved iron (COSPCL06)
- Lower South Platte segment 1: sulfate (COSPLS01)
- Middle South Platte segment 1a: manganese (COSPMS01a)
- Blue River segment 12: manganese (COUCBL12)
- North Platte segment 4a, Canadian River: manganese (COUCNP04a)
- North Platte segment 4a, Illinois River: dissolved iron (COUCNP04a)
- North Platte segment 4b, Illinois River: manganese (COUCNP04b)
- North Platte segment 5b: dissolved iron and manganese (COUCNP05b)

In the following segments, there was not enough data available to characterize the water quality representative of the year 2000. Until additional information can be gathered to make a determination on the water quality as a 2000, the Commission added the following segments to the M&E List:

- Middle Arkansas segment 6a: sulfate (COARMA06a)
- Middle Arkansas segment 9: manganese (COARMA09)
- Middle Arkansas segment 11b: manganese (COARMA11b)
- Closed Basin segment 2a, North Fork Carnero Creek: manganese (CORGCB02a)
- Closed Basin segment 2a, South Fork Carnero Creek: dissolved iron and manganese (CORGCB02a)
- Closed Basin segment 2b, La Garita Creek: dissolved iron and manganese (CORGCB02b)
- Closed Basin segment 2c: manganese (CORGCB02c)
- Clear Creek segment 14b: dissolved iron (COSPCL14b)

- Boulder Creek segment 14, Barker Reservoir: dissolved iron, manganese (COSPBO14)
- Blue River segment 20, Spruce Creek: dissolved iron (COUCBL20)
- Upper Colorado segment 7a, Alkali Slough: manganese (COUCUC07a)
- Yampa River segment 3, Little Morrison Creek: manganese (COUCYA03)

For the following segments, existing 303(d) and M&E listings for exceedances of the secondary water supply standards were retained:

- Coal Creek segment 11: manganese (COGUUG11)
- Clear Creek segment 14b: manganese (COSPCL14b)
- Lower South Platte segment 1: manganese (COSPLS01)
- St. Vrain segment 5, Left Hand Creek below US 36 to a point above the Lefthand Feeder Canal: manganese (COSPSV05)
- North Platte segment 4a, Canadian River: dissolved iron (COUCNP04a)
- Yampa segment 2a, Yampa River below Stagecoach: manganese (COUCYA02a)
- 10. Listings Due to Exceedances of the Water Supply Standards for Arsenic and Nitrite

The 2016 303(d) Listing Methodology was modified to reflect changes in Regulation #31 for the assessment of arsenic, nitrite and nitrate. Previously, the assessment of arsenic, nitrite and nitrate water supply standards was solely conducted at the point of intake for a water supply. This provision was removed in the Regulation #31, resulting in the assessment of these standards throughout the entire segment.

Based on comments received from parties regarding the arsenic listings the Commission reiterates the following Commission decisions. The source of a pollutant is not considered during the listing analysis, and the Commission recommends that parties who believe that impairments are the result of high background levels of arsenic consider site-specific regulatory changes, such as site-specific standards or removal of a classified use through a use attainability analysis. Attainment is assessed against the underlying standard, not against a temporary modification. Data for dissolved arsenic may be used in determining attainment of total arsenic.

For arsenic listings the Commission determined that the Division may use "j data" in its assessment. "J data" is an analytical result that falls between the method detection limit ("MDL") and the minimum level ("ML"). The arsenic water supply standard ($0.02\mu g/L$) is below the MDL for arsenic (with the lowest MDL in data assessed for this rulemaking hearing at $0.022 \mu g/L$). J data may be used in assessing arsenic because a j data result means that the lab is 99% certain arsenic is present in the sample at a level higher than the MDL, which is higher than the standard for arsenic.

The Commission added the following segments to the 303(d) List for exceedances of the arsenic standard:

- Fountain Creek segment 1a, Mainstem (COARFO01a)
- Lower Arkansas segment 1b (COARLA01b)
- Lower Arkansas segment 1c (COARLA01c)
- Lower Arkansas segment 5a (COARLA05a)
- Lower Arkansas segment 5b (COARLA05b)
- Lower Arkansas segment 9a (COARLA09a)
- Middle Arkansas segment 3 (COARMA03)
- Middle Arkansas segment 9 (COARMA09)
- Upper Arkansas segment 2c (COARUA02c)
- Upper Arkansas segment 05, Colorado Gulch (COARUA05)

- Upper Arkansas segment 15 (COARUA15)
- North Fork of the Gunnison segment 4, Ruby Anthracite Creek (COGUNF04)
- Upper Gunnison segment 12, Coal Creek (COGUUG12)
- Lower Colorado segment 1, Colorado River from Roaring Fork confluence to confluence with Paradise Creek (COLCLC01)
- Lower Colorado segment 4c (COLCLC04c)
- Lower Colorado segment 10 (COLCLC10)
- Lower Colorado segment 15a (COLCLC15a)
- Lower Colorado segment 15c (COLCLC15c)
- Lower Yampa segment 3c, Stinking Gulch (COLCLY03c)
- White River segment 7, White River below Meeker (COLCWH07)
- White River segment 12 (COLCWH12)
- White River segment 14a, Piceance Creek (COLCWH14a)
- White River segment 20, Black Sulphur Creek (COLCWH20)
- White River segment 21 (COLCWH21)
- Closed Basin segment 2a, North Fork Carnero Creek and South Fork Carnero Creek (CORGCB02a)
- Closed Basin segment 2b, La Garita Creek (CORGCB02b)
- Closed Basin segment 2c (CORGCB02c)
- Closed Basin segment 4 (CORGCB04)
- Closed Basin segment 9b (CORGCB09b)
- Closed Basin segment 12a (CORGCB12a)
- Rio Grande segment 4b, South Fork Rio Grande to Del Norte (CORGRG04b)
- Rio Grande segment 4c (CORGRG04c)
- Rio Grande segment 09, North Branch of Pass Creek (CORGRG09)
- Rio Grande segment 11 (CORGRG11)
- Rio Grande segment 19 (CORGRG19)
- Bear Creek segment 2 (COSPBE02)
- Boulder Creek segment 2a (COSPBO02a)
- Boulder Creek segment 2b (COSPBO02b)
- Boulder Creek segment 3 (COSPBO03)
- Boulder Creek segment 4b (COSPBO04b)
- Boulder Creek segment 9 (COSPBO09)
- Boulder Creek segment 10 (COSPBO10)
- Boulder Creek segment 14, Barker Reservoir (COSPBO14)
- Big Thompson segment 1 (COSPBT01)
- Big Thompson segment 2 (COSPBT02)
- Big Thompson segment 3 (COSPBT03)
- Big Thompson segment 7, Buckhorn Creek and North Fork of Big Thompson (COSPBT07)
- Big Thompson segment 8 (COSPBT08)
- Cache la Poudre segment 2a (COSPCP02a)
- Cache la Poudre segment 6 (COSPCP06)
- Cache la Poudre segment 9 (COSPCP09)
- Cache la Poudre segment 10a (COSPCP10a)
- Cache la Poudre segment 10b (COSPCP10b)
- Middle South Platte segment 1b (COSPMS01b)
- Republican Basin segment 1 (COSPRE01)
- St. Vrain segment 2b (COSPSV02b)
- Saint Vrain segment 7, Boulder Reservoir (COSPSV07)
- Upper South Platte segment 2c, South Mosquito Creek (COSPUS02c)
- Upper South Platte segment 10a, East Plum Creek (COSPUS10a)
- Blue River segment 2c (COUCBL02c)
- Blue River segment 4a, Gold Run Gulch below Jessie Mine (COUCBL04a)
- Blue River segment 20, Spruce Creek (COUCBL20)
- Eagle River segment 2 (COUCEA02)

- Eagle River segment 5c (COUCEA05c)
- Eagle River segment 6 (COUCEA06)
- Eagle River segment 9a (COUCEA09a)
- Eagle River segment 9c (COUCEA09c)
- North Platte segment 1, South Fork Big Creek (COUCNP01)
- North Platte segment 4a, Illinois River, South Fork Big Creek and Snyder Creek (COUCNP04a)
- North Platte segment 4b, Illinois River (COUCNP04b)
- North Platte segment 5b (COUCNP05b)
- North Platte segment 09, Lake John and North Delaney Lake (COUCNP09)
- Upper Colorado segment 7a, Muddy Creek (COUCUC07a)
- Upper Colorado segment 7b, Muddy Creek (COUCUC07b)
- Upper Colorado segment 10c (COUCUC10c)
- Upper Colorado segment 12, Shadow Mountain Reservoir (COUCUC12)
- Yampa River segment 2a, Yampa River above Stagecoach Reservoir (COUCYA02a)
- Yampa River segment 2b (COUCYA02b)
- Yampa River segment 3, Little Morrison Creek and Gunn Creek (COUCYA03)
- Yampa River segment 15, Elkhead Creek (COUCYA15)

The Commission added the following segments to the M&E List for potential nonattainment of the arsenic standard:

- Middle Arkansas segment 11b (C)OARMA11b)
- Lower Arkansas segment 10, Adobe Creek Reservoir (COARLA10)
- Upper Arkansas segment 35 (COARUA35)
- Upper Arkansas segment 38, Skagway Reservoir (COARUA38)
- Lower Dolores segment 5, Mesa Creek and tributaries (COGULD05)
- Lower Colorado segment 2b, Humphrey Backwater area (COLCLC02b)
- Lower Colorado segment 14c (COLCLC14c)
- Lower Colorado segment 20, Rifle Gap Reservoir (COLCLC20)
- Bear Creek segment 11, Harriman Reservoir (COSPBE11)
- Cache la Poudre segment 7 (COSPCP07)
- Laramie segment 2a (COSPLA02a)
- Laramie segment 2b (COSPLA02b)
- Alamosa River segment 20 (CORGAL20)
- Rio Grande segment 37 (CORGRG37)
- Upper South Platte segment 12, Jackson Creek (COSPUS12)
- Blue River segment 12 (COUCBL12)
- Eagle River segment 9b (COUSEA09b)
- North Platte segment 4a, Grizzly Creek and Little Grizzly Creek (COUSNP04a)
- Upper Colorado segment 3, Lake Granby to Gore Canyon (COUCUC03)
- Upper Colorado segment 12, Willow Creek Reservoir (COUCUC12)
- Yampa River segment 18, South Fork of the Little Snake River (COUCYA18)
- Upper Gunnison segment 29a, Lake Fork of the Gunnison River Upstream of Cotonwood Creek (COGUUG29a)
- Yampa River segment 8, Lost Dog Creek (COUCYA08)

The Commission retained the following segments on the 303(d) List for exceedances of the arsenic standard:

- Upper Gunnison segment 09, Coal Creek (COGUUG09)
- Upper Gunnison segment 11, Elk Creek (COGUUG11)
- Upper Gunnison segment 11, Coal Creek (COGUUG11)
- Big Thompson segment 11 (COSPBT11)

- Cache la Poudre segment 14 (COSPCP14)
- Upper South Platte segment 3, Fourmile Creek (COSPUS03)
- Upper South Platte segment 3, Pine Creek (COSPUS03)
- Upper South Platte segment 14 (COSPUS14)
- Upper South Platte segment 17a, Berkeley Lake (COSPUS17a)

The Commission retained the following segment on the M&E List for exceedances of the arsenic standard:

Upper South Platte segment 03, West Creek (COSPUS03)

The Commission retained the following segment on the M&E List for exceedances of the nitrite standard:

Middle Arkansas segment 4a (COARMA04a)

The Commission added the following segment to the M&E List for exceedances of the nitrite standard:

Lower Colorado segment 2b, Humphrey Backwater Area (COLCLC02b)

The Commission delisted the following segments as they are attaining the arsenic standard:

- Upper Arkansas segment 20, North Fork Wilson Creek below Independence Mine (COARUA20)
- Saint Vrain segment 4c (COSPSV04c)
- 11. Listings Due to Exceedances of the Total Phosphorus Standards

In May 2012, the Commission adopted nutrient control management regulations, as detailed in Regulation 85 and Regulation 31. Interim total nitrogen and total phosphorus values were included in Regulation 31, and as the Commission revises basin regulations, the interim value for total phosphorus is adopted as a numeric standard in waters upstream of domestic wastewater treatment facilities. A list of such dischargers has been included in each of the basin regulations. At the time of this hearing, the total phosphorus standard has been adopted in the upstream waters of the following basins: Upper Colorado, Lower Colorado, Arkansas, and Rio Grande.

For the 2016 303(d) Listing Methodology, the Commission outlined the assessment methodology for numeric nutrient standards. The ambient annual median is assessed against the numeric standard, with an allowable exceedance frequency of one in five years. If the annual median nutrient concentration exceeds the standard but fewer than five samples are available for a specific year, the segment should be included on the M&E until additional data can be collected.

The following segments have been included on the M&E list for exceeding the numeric total phosphorus standard but not meeting sample size requirements.

- Lower Colorado segment 4a (COLCLC04a)
- Closed Basin segment 2a, North Fork Carnero Creek (CORGCB02a)
- Closed Basin segment 2a, South Fork Carnero Creek (CORGCB02a)
- Closed Basin segment 2b, La Garita Creek (CORGCB02b)
- Closed Basin segment 2c (CORGCB02c)
- Closed Basin segment 12a (CORGCB12a)

- Rio Grande segment 11 (CORGRG11)
- Rio Grande segment 19 (CORGRG19)
- Rio Grande segment 20a (CORGRG20a)
- Rio Grande segment 20b (CORGRG20b)

12. Delisting of Segments with Recently Approved TMDLs

The Division submitted 11 TMDLs to EPA since the approval of the 2012 303(d) List that have been approved. The Commission has removed the following segments from the 303(d) List:

- Upper Arkansas segment 8b, Iowa Gulch: cadmium, lead, and zinc (COARUA08b)
- Lower Gunnison segment 9, Fruitgrowers Reservoir: dissolved oxygen (COGULG09)
- Alamosa segment 8, Terrace Reservoir: total recoverable iron (CORGAL08)
- La Plata segment 4a, East Mancos: copper and manganese (COSJLP04a)
- Middle South Platte segment 4, Barr Lake and Milton reservoir: pH and DO (COSPMS04)
- Saint Vrain segment 4a, Left Hand Creek from Hwy 72 to James Creek: copper, zinc, and pH (COSPSV04a)
- Saint Vrain segment 4b: copper and lead (COSPSV04b)
- Saint Vrain segment 4c: copper (COSPSV04c)

Delisting of Segments where Water Quality is Currently Meeting Standards

As additional water quality data is collected and assessed, new data may show attainment of the standards. The Commission removed the following segments and parameters from the 303(d) List due to attainment of current water quality standards:

- Fountain Creek segment 7a, Willow Springs Ponds #1 & #2: Aquatic life use (tetrachloroethylene fish tissue) (COARFO07a)
- Lower Arkansas segment 1a: selenium, sulfate (COARLA01a)
- Lower Arkansas segment 4a, Timpas Creek: total recoverable iron (COARLA04a)
- Lower Arkansas segment 7: selenium (COARLA07)
- Lower Arkansas segment 9b, Chicosa Creek: total recoverable iron, selenium (COARLA09b)
- Middle Arkansas segment 6a: selenium (COARMA06a)
- Middle Arkansas segment 14: selenium (COARMA14)
- Upper Arkansas segment 20, Wilson Creek below Independence Mine: arsenic (COARUA20)
- Upper Arkansas segment 40: dissolved oxygen (COARUA40)
- Lower Gunnison segment 9: dissolved oxygen (COGULG09)
- Upper Gunnison segment 29a, Lake Fork between Cooper and Silver Creeks: aquatic life (provisional) (COGUUG29a)
- Lower Colorado segment 10: selenium (COLCLC10)
- Lower Colorado segment 13b, Adobe Creek, Leach Creek: total recoverable iron (COLCLC13b)
- Lower Yampa segment 2: total recoverable iron (COLCLY02)
- Lower Yampa segment 5: selenium (COLCLY05)
- White River segment 14a, Willow Creek to Hunter Creek: total recoverable iron (COLCWH14a)
- Alamosa segment 3b, Alamosa River above Jasper Creek: cadmium (CORGAL03b)
- Alamosa segment 8, Terrace Reservoir: total recoverable iron (CORGAL08)

- Rio Grande segment 7, Nelson Creek, West Willow Creek below Nelson Creek to East Willow Creek: pH (CORGRG07)
- Rio Grande segment 37: dissolved oxygen (CORGRGR37)
- Big Dry segment 1: selenium (COSPBD01)
- Bear Creek segment 2, below Kipling Parkway: E. coli (COSPBE02)
- Bear Creek segment 5, Swede/Kerr Gulch: *E. coli* (COSPBE05)
- Big Thompson segment 2: cadmium, zinc, copper (from downstream of the UTSD discharge) (COSPBT02)
- Big Thompson segment 8: dissolved oxygen (COSPBT08)
- Big Thompson segment 9: copper (COSPBT09)
- Big Thompson segment 10, Big Hollow: selenium (COSPBT10)
- Cherry Creek segment 3: selenium (COSPCH03)
- Cherry Creek segment 3, Cherry Creek from Holly Street to the South Platte River: total recoverable iron (COSPCH03)
- Clear Creek segment 2b: cadmium (COSPCL02b)
- Clear Creek segment 6, Mad Creek: zinc (COSPCL06)
- Clear Creek segment 15: manganese (COSPCL15)
- Cache la Poudre segment 8: arsenic (COSPCP08)
- Cache la Poudre segment 10a: copper (COSPCP10a)
- Cache la Poudre segment 11: selenium (COSPCP11)
- Cache la Poudre segment 12: selenium (COSPCP12)
- Cache la Poudre segment 13a: selenium (COSPCP13a)
- Cache la Poudre segment 14: copper (COSPCP14)
- Middle South Platte segment 1b: selenium (COSPMS01b)
- Middle South Platte segment 7, Prospect Lake: dissolved oxygen (COSPMS07)
- Republican River segment 4: E.coli (COSPRE04)
- St. Vrain segment 2a: zinc (COSPSV02a)
- St. Vrain segment 2b: copper (COSPSV02b)
- St. Vrain segment 6: selenium (COSPSV06)
- Upper South Platte segment 17a, Duck Lake: dissolved oxygen (COSPUS17a)
- Upper South Platte segment 17b, Sloan's Lake: dissolved oxygen (COSPUS17b)
- Upper South Platte segment 23, Garfield and Huston Lakes: dissolved oxygen (COSPUS23)
- North Platte segment 4b, Illinois River: total recoverable iron (COUCNP04b)
- North Platte segment 9, Lake John: dissolved oxygen (COUCNP09)
- Upper Colorado segment 3, from 578 Rd Bridge to Blue River: manganese (COUCUC03)
- Yampa River segment 13d, Below Seneca sample location 8 (WSD5): selenium (COUCYA13d)

The Commission removed the following segments and parameters from the M&E List due to attainment of current water quality standards:

- Middle Arkansas segment 6a: uranium (COARMA06a)
- Middle Arkansas segment 6b: uranium (COARMA06b)
- Middle Arkansas segment 7b: copper, zinc (COARMA07b)
- Middle Arkansas segment 9: selenium (COARMA09)
- San Miguel segment 12a, Calamity Draw: dissolved oxygen (COGUSM12a)
- Lower Colorado segment 4a, Alkali Creek: *E. coli* , copper, total recoverable iron, lead, zinc (COLCLC04a)
- Lower Colorado segment 4c: copper and selenium (COLCLC04c)
- Lower Colorado segment 13b, Indian Wash: total recoverable iron (COLCLC13b)
- Lower Colorado segment 15a, Plateau Creek: selenium (COLCLC15a)
- Lower Yampa segment 3c, Stinking Gulch: copper, zinc (COLCLY03c)
- Lower Yampa segment 3c, Wilson Creek: selenium (COLCLY03c)
- Lower Yampa segment 18: E.coli, total recoverable iron, selenium (COLCLY18)

- White River segment 7, White River below Meeker: copper (COLCWH07)
- White River segment 9a, Strawberry Creek: copper, zinc (COLCWH09a)
- White River segment 23, East Douglas Creek: total recoverable iron (COLCWH23)
- White River segment 10b, Coal Creek below Ninemile Gulch: selenium (COLCWH10b)
- Closed Basin segment 9a, Squirrel Creek: cadmium, copper, zinc, total recoverable iron (CORGCB09a)
- Blue River segment 20, Spruce Creek: total recoverable iron (COUCBL20)
- Boulder Creek segment 1: lead, zinc (COSPBO01)
- Boulder Creek segment 2a: cadmium, copper (COSPBO02a)
- Boulder Creek segment 2b: cadmium, copper (COSPBO02b)
- Boulder Creek segment 3: cadmium, copper (COSPBO03)
- Boulder Creek segment 9: cadmium (COSPBO09)
- Boulder Creek segment 10: cadmium (COSPBO10)
- Doubler Creek segment 14. Devider December and and
- Boulder Creek segment 14, Boulder Reservoir: cadmium (COSPBO14)
- Big Thompson segment 2: sulfide (COSPBT02)
- Big Thompson segment 6, Dry Creek: E. coli (COSPBT06)
- Cherry Creek segment 6, Lollipop Lake: selenium (COSPCH06)
- Clear Creek segment 6, Mad Creek: pH (COSPCL06)
- Clear Creek segment 6, Hoop Creek: cadmium, lead, zinc (COSPCL06)
- Clear Creek segment 9a, Fall River: zinc, dissolved oxygen (COSPCL09a)
- Clear Creek segment 15: lead (COSPCL15)
- Cache la Poudre segment 6: copper (COSPCP06)
- Cache la Poudre segment 9: cadmium, lead (COSPCP09)
- Lower South Platte segment 3, Jackson Reservoir: selenium (COSPLS03)
- North Platte segment 1, South Fork Big Creek: copper, *E. coli* (COUCNP01)
- North Platte segment 4a, Little Grizzly Creek: *E. coli*, total recoverable iron (COUCNP04a)
- North Platte segment 4a, Grizzly Creek, Little Grizzly Creek: Aquatic Life Use (COUCNP04a)
- North Platte segment 4a, Lake Creek: pH (COUCNP04a)
- Roaring Fork segment 3a, Capitol Creek: selenium (COUCRF03a)
- Roaring Fork segment 10, Thompson Creek: total recoverable iron (COUCRF10)
- St. Vrain segment 13, Lake Thomas: dissolved oxygen (COSPSV13)
- Upper Colorado segment 10c. Fraser River: copper. lead (COUCUC10c)
- Upper Colorado segment 10c, from Town of Fraser to Colorado River: copper (COUCUC10c)
- Upper Colorado segment 10c, from Town of Tabernash to Town of Granby: lead (COUCUC10c)
- Upper South Platte segment 12, Jackson Lake: lead (COSPUS12)
- Upper South Platte segment 17a, Rocky Mountain Lake and Grasmere Lake: copper (COSPUS17a)
- Upper South Platte segment 17b, Sloan's Lake: total recoverable iron (COSPUS17b)
- Upper South Platte segment 23, Aqua Golf: total recoverable iron (COSPUS23)
- Yampa segment 2a, Yampa River below Stagecoach: selenium (COUCYA02a)
- Yampa segment 3, Little Morrison Creek: zinc, dissolved iron (COUCYA03)
- Yampa segment 3, Walton Creek: manganese (COUCYA03)
- Yampa River segment 13d, Dry Creek below Routt County Rd 53: lead and E.coli (COUCYA13d)
- Delisting of Segments where Water Quality is Currently Meeting Ambient Based Standards

The Commission adopted a new assessment methodology in the 2016 Listing Methodology to evaluate ambient based standards. This methodology uses a statistical approach based on the concept of the confidence interval to minimize uncertainty of assessment conclusions. The following segments were delisted due to attainment of ambient based standards using the new assessment methodology for ambient based standards:

- Middle Arkansas segment 4a: selenium (COARMA04a)
- Middle Arkansas segment 6a: selenium (COARMA06a)
- 15. Listing of Segments where Water Quality is not Meeting Standards not identified above

The following segments or parameters were added to the 303(d) List due to exceedances of water quality standards not identified above:

- Fountain Creek segment 3b: copper (COARFO03b)
- Fountain Creek segment 4, Sand Creek: selenium (COARFO04)
- Lower Arkansas segment 1a, *E. coli* (COARLA01a)
- Lower Arkansas segment 9b, Big Sandy Creek: total recoverable iron (COARLA09b)
- Lower Arkansas segment 10, Nee Gronda: selenium (COARLA10)
- Lower Arkansas segment 12, Lake Meredith: selenium (COARLA12)
- Middle Arkansas segment 3: selenium (COARMA03)
- Middle Arkansas segment 14: total recoverable iron (COARMA14)
- Upper Arkansas segment 4a: copper (COARUA04a)
- Upper Arkansas segment 5, Lake Fork below Sugarloaf Dam: zinc (COARUA05)
- Upper Arkansas segment 5, Colorado Gulch: cadmium, copper, zinc (COARUA05)
- Upper Arkansas segment 12a: cadmium (COARUA12a)
- Uncompander segment 9, Imogene Creek: cadmium and zinc (COGUUN09)
- Lower Colorado segment 4a, Mamm Creek: total recoverable iron (COLCLC04a)
- Lower Colorado segment 4a, South Canyon Creek above Hot Springs: total recoverable iron (COLCLC04a)
- Lower Colorado segment 13b: total recoverable iron (COLCLC13b)
- Lower Colorado segment 14c, Roan Creek: total recoverable iron (COLCLC14c)
- Lower Yampa segment 3c, Wilson Creek: total recoverable iron (COLCLY03c)
- Lower Yampa segment 3c, Stinking Gulch: selenium (COLCLY03c)
- Closed Basin segment 3, Willow Creek: copper (CORGCB03)
- Closed Basin segment 12a: total recoverable iron (CORGCB12a)
- Rio Grande segment 2, South Clear Creek: total recoverable iron (CORGRG02)
- Rio Grande segment 4a: lead (CORGRG04a)
- Rio Grande segment 4c: copper (CORGRG04c)
- Rio Grande segment 7: cadmium, lead, zinc (CORGRG07)
- Rio Grande segment 9, North Branch of Pass Creek: zinc (CORGRG09)
- Big Dry Creek segment 1, Big Dry Creek downstream of Weld County Road 8: total recoverable iron (COSPBD01)
- Boulder Creek segment 2a, North Boulder Creek from Caribou Creek to the confluence with Como Creek: copper (COSPBO02a)
- Boulder Creek segment 2a, Como Creek to the confluence of North Boulder Creek: total recoverable iron (COSPBO02a)
- Boulder Creek segment 2a, North Boulder Creek to confluence of Caribou Creek: copper and lead (COSPBO02a)
- Boulder Creek segment 4a: copper (COSPBO04a)
- Boulder Creek segment 4b: copper (COSPBO04b)
- Boulder Creek segment 7b, below Rock Creek: selenium (COSPBO07b)
- Boulder Creek segment 9: E. coli (COSPBO09)

- Boulder Creek segment 10: pH (COSPBO10)
- Boulder Creek segment 14, Barker Reservoir: copper (COSPBO14)
- Big Thompson segment 2, from RMNP to above UTSD discharge: copper (CPSPBT02)
- Cherry Creek segment 2: chlorophyll and dissolved oxygen (COSPCH02)
- Cherry Creek segment 4a, Goldsmith Gulch: *E. coli* and selenium (COSPCH04a)
- Cherry Creek segment 4a, McMurdo Gulch: dissolved oxygen (COSPCH04a)
- Cherry Creek segment 4b, Upper Windmill Creek: selenium (COSPCH04b)
- Clear Creek segment 2c, Turkey Gulch below Rockford Tunnel: copper, nickel, total recoverable iron, zinc (COSPCL02c)
- Clear Creek segment 5, from Hoop Creek to confluence with Clear Creek: copper (COSPCL05)
- Clear Creek segment 6, Mad Creek: copper (COSPCL06)
- Clear Creek segment 6, North Empire Creek: copper (COSPCL06)
- Clear Creek segment 12a, Gilson Gulch and tributaries: cadmium, copper, nickel, lead, selenium and zinc (COSPCL12a)
- Clear Creek segment 12a, all tributaries except Gilson Gulch: cadmium, copper, and zinc (COSPCL12a)
- Clear Creek segment 15: ammonia (COSPCL15)
- Cache la Poudre segment 11: E. coli (COSPCP11)
- Cache la Poudre segment 13b: E. coli (COSPCP13b)
- Laramie segment 2b: copper (COSPLA02b)
- Lower South Platte segment 1: uranium (COSPLS01)
- Lower South Platte segment 3, North Sterling: dissolved oxygen and selenium (COSPLS03)
- Middle South Platte segment 1b: E. coli (COSPMS01b)
- St. Vrain segment 3: *E. coli* (COSPSV03)
- St. Vrain segment 5, Left Hand Creek: pH (COSPSV05)
- St. Vrain segment 6, Dry Creek: selenium (COSPSV06)
- Upper South Platte segment 2c, South Mosquito Creek: cadmium (COSPUS02c)
- Upper South Platte segment 3, Trout Creek and tributaries: dissolved oxygen and pH(COSPUS03)
- Upper South Platte segment 5b, Geneva Creek: pH(COSPUS05b)
- Upper South Platte segment 10a, Plum Creek: E. coli(COSPUS10a)
- Upper South Platte segment 16c: E. coli(COSPUS16c)
- Upper South Platte segment 16i: E. coli(COSPUS16i)
- Upper South Platte segment 16i, Sand Creek from Westerly Creek to the South Platte River: selenium (COSPUS16i)
- Upper South Platte segment 17a, Rocky Mountain Lake: dissolved oxygen (COSPUS17a)
- Upper South Platte segment 17a, Smith Lake: pH (COSPUS17a)
- Upper South Platte segment 17a, Grasmere Lake: ammonia (COSPUS17a)
- Upper South Platte segment 23, Garfield Lake: dissolved oxygen (COSPUS23)
- Upper South Platte segment 23, Agua Gulf: pH (COSPUS23)
- Upper South Platte segment 23, Parkfield Lake: pH (COSPUS23)
- Blue River segment 2a. above South Barton Gulch: zinc (COUCBL02a)
- Blue River segment 4a, Gold Run Gulch below Jessie Mine: zinc (COUCBL04a)
- Blue River segment 4a, Meadow Creek: copper (COUCBL04a)
- Blue River segment 6a: zinc (COUCBL06a)
- Blue River segment 12: zinc (COUCBL12)
- North Platte segment 4a, Snyder Creek: total recoverable iron (COUCNP04a)
- North Platte segment 9, Lake John: pH (COUCNP09)
- Upper Colorado segment 2, north inlet to Grand Lake: copper (COUCUC02)
- Upper Colorado segment 10a, Vasquez Creek: copper (COUCUC10a)
- Yampa segment 3, Little Morrison Creek: total recoverable iron (COUCYA03)

- Yampa segment 3, Gunn Creek: zinc (COUCYA03)
- Yampa segment 13h: selenium (COUCYA13h)

The following segments or parameters were added to the M&E List due to exceedances of water quality standards not identified above:

- Fountain segment 4, Little Fountain Creek below Deadman Canyon: selenium (COARFO04)
- Lower Arkansas segment 3a: E. coli (COARLA03a)
- Lower Arkansas segment 7: E. coli (COARLA07)
- Lower Arkansas segment 9a, Adobe Creek: total recoverable iron (COARLA09a)
- Lower Arkansas segment 12, Lake Henry: total recoverable iron (COARLA12)
- Middle Arkansas segment 11b: total recoverable iron (COARMA11b)
- Upper Arkansas segment 5, Lake Fork below Sugarloaf Dam: cadmium (COARUA05)
- Upper Arkansas segment 5, Colorado Gulch: silver, lead (COARUA05)
- Upper Gunnison segment 29a, Lake Fork of the Gunnison upstream of Cottonwood Creek: zinc and cadmium (COGUUG29a)
- Uncompander segment 9, Imogene Creek: copper (COGUUN09)
- Lower Colorado segment 3: selenium (COLCLC03)
- Lower Colorado segment 4e: total recoverable iron, copper, selenium and cadmium (COLCLC04e)
- Lower Colorado segment 13a, Sulphur Gulch: total recoverable iron, copper and lead (COLCLC13a)
- Lower Colorado segment 16: total recoverable iron (COLCLC16)
- Lower Yampa segment 3c, Wilson Creek: selenium (COLCLY03c)
- Lower Yampa segment 3e: selenium (COLCLY03e)
- White River segment 7, White River below Meeker: total recoverable iron (COLCWH07)
- Alamosa River segment 10: total recoverable iron (CORGAL10)
- Alamosa River segment 12: total recoverable iron (CORGAL12)
- Closed Basin segment 3, Cottonwood Creek: copper (CORGCB03)
- Closed Basin segment 3, Major Creek: total recoverable iron (CORGCB03)
- Closed Basin segment 5: copper (CORGCB05)
- Closed Basin segment 10, Sand Creek: copper (CORGCB10)
- Closed Basin segment 12a, Ford Creek: cadmium and zinc (CORGCB12a)
- Rio Grande segment 3: total recoverable iron (CORGRG03)
- Rio Grande segment 9, North Branch of Pass Creek: copper (CORGRG09)
- Rio Grande segment 25: copper (CORGRG25)
- Rio Grande segment 28, Upper Rito Seco below Battle Mountain: copper (CORGRG28)
- Rio Grande segment 33, Alberta Park: silver (CORGRG33)
- Rio Grande segment 38, Road Canyon: silver (CORGRG38)
- Boulder Creek segment 14, Barker Reservoir: silver (COSPBO14)
- Big Thompson segment 5: E. coli (COSPBT05)
- Big Thompson segment 10: dissolved oxygen (COSPBT10)
- Clear Creek segment 3b: cadmium (COSPCL03b)
- Clear Creek segment 6, North Empire Creek: cadmium, total recoverable iron, zinc (COSPCL06)
- Clear Creek segment 12a, Gilson Gulch and tributaries: pH (COSPCL12a)
- Clear Creek segment 12a, all tributaries except Gilson Gulch: dissolved oxygen (COSPCL12a)
- Clear Creek segment 14b: ammonia (COSPCL14b)
- Clear Creek segment 17b: E. coli (COSPCL17b)
- Cache la Poudre segment 7: silver (COSPCP07)
- Cache la Poudre segment 9: pH (COSPCP09)

- Cache la Poudre segment 12: pH (COSPCP12)
- St. Vrain segment 2b: silver(COSPSV02b)
- Upper South Platte segment 1a, Middle South Platte: pH (COSPUS01a)
- Upper South Platte segment 3, West Creek: total recoverable iron, dissolved oxygen (COSPUS03)
- Upper South Platte segment 23, Aqua Gulf: ammonia (COSPUS23)
- Upper South Platte segment 23, Harvey Lake: total recoverable iron (COSPUS23)
- Blue River segment 4a, Meadow Creek: zinc (COUCBL04a)
- Blue River segment 12: copper (COUCBL12)
- North Platte segment 4a, Illinois River: copper (COUCNP04a)
- North Platte segment 5b: copper (COUCNP05b)
- North Platte segment 6: copper (COUCNP06)
- Roaring Fork segment 2: copper (COUCRF02)
- Upper Colorado segment 8, below Kinney: copper (COUCUC08)
- Yampa segment 13j: selenium (COUCYA13j)
- 16. Site-specific decisions made by the Commission are discussed below.
 - a. Segments COARF001a, COARF002a, COARF002b, COARF003a COARF004 and COARF006 Waldo Canyon Fire and Storm Events

The Arkansas Fountain Coalition for Urban River Evaluation ("AF CURE") raised site-specific issues with listing segments that are within the geographic area that was affected by the Waldo Canyon Fire in 2012 and with using samples that are collected during or soon after storm events.

Data collected after the Waldo Canyon Fire was appropriately used to assess segments COARF001a, COARF002a, COARF002b, COARF003a COARF004 and COARF006. Any variability in data was alleviated through application of the nonparametric statistical analysis as included in the Listing Methodology; removal of data that was collected by USGS as part of a special study specifically looking at the effects of the fire; or by comparing attainment of water quality standards before and after the fire event, and where available listing those segments on the 303(d) list that were out of attainment prior to the fire event and out of attainment after the fire event (segments that were in attainment prior to the fire event were listed on the M&E list). Additionally, the Commission was uncertain whether two years is a sufficient period of time for macroinvertebrate communities to recover from the impacts of sedimentation that result from forest fires, and the time may vary based on the proximity to the fire, the amount of water flowing through the waterway, and other factors. The Commission anticipates that the next iteration of the Listing Methodology will address the complexity of listing fire, flood, or other catastrophic event impacts on streams to provide further guidance for these types of decisions, and also acknowledges that there may be many case specific determinations.

Condition Prior to Fire	Condition After Fire	Recommended Listing
Out of Attainment	Out of Attainment	List on 303(d) List
In Attainment	Out of Attainment	List on M & E List
Out of Attainment	In Attainment	Do not list

Based on USGS standard operating procedure, the Commission determined that sampling should not be conducted for four weeks following a significant flushing event. However, the data on the record for these segments was collected outside

of the four week window, and therefore was appropriately included in the assessment.

 Portion of segment COSPCL03a (South Clear Creek downstream of Lower Cabin Creek Reservoir to Clear Lake) - Category 4b Plan for Nonattainment of the Aquatic Life Use

Public Service Company of Colorado (PSCo) submitted a Category 4b Demonstration Plan (the Plan) to the Division for Clear Creek segment 3a in the South Platte River Basin, for the portion of the segment of South Clear Creek downstream of Lower Cabin Creek Reservoir to Clear Lake. Category 4b is an alternative to listing an impaired segment on the 303(d) list. A Category 4b Demonstration Plan, when implemented, must ensure attainment of all applicable water quality standards through pollution control mechanisms within a reasonable time period. The Plan was accepted by the U.S. Environmental Protection Agency prior to the rulemaking hearing. The Commission approved Public Service Company of Colorado's Category 4b Plan for segment COSPCL03a (South Clear Creek downstream of Lower Cabin Creek Reservoir to Clear Lake) and as a result, the Commission did not include Clear Creek segment 3a, South Clear Creek downstream of Lower Cabin Creek Reservoir to Clear Lake, on the 303(d) List for the aquatic life use, for which the Category 4b Demonstration Plan was written. PSCo will provide updates on the implementation of the Plan to the Commission in future 303(d) rulemaking hearings. The Commission expects that after a reasonable period of time as defined in the Category 4b Demonstration Plan, the aquatic life use be reexamined on this portion of Clear Creek segment 3a. If the aquatic life use is not attained by this time, the segment will be considered impaired and placed on the 303(d) List.

c. Segment COLCLC03 - Chronic Aquatic Life Use-based Selenium Standard

In 2012, the Commission removed Lower Colorado segment 3 from the 303(d) List for selenium impairment due to attainment of standards. At that time, USFWS opposed its removal from the list because the segment is critical habitat for the endangered Colorado pike minnow and razorback sucker. The Commission acknowledged the significance of this issue and recommended USFWS pursue an alternative standard in the next Colorado basin rulemaking; however, USFWS did not submit a proposal in 2014. In this rulemaking there was consensus that the acute selenium standard was attained; however, there was disagreement among the parties regarding whether the chronic selenium standard is attained due to uncertainty regarding the representativeness of a portion of the data set used in the assessment.

During 2012-2014, EPA and USFWS collected samples in segment 3 targeting critical habitat for the endangered fish. These samples were collected during low-flow periods from August to October. Colorado River Water Conservation District and the Colorado Stone, Sand and Gravel Association disagreed about whether the tributary-influenced sample locations and time periods are representative of conditions in the mainstem. Specifically, these parties argued that the majority of the data comes from poorly mixed sites located downstream of tributaries, and therefore is not representative of the spatial and temporal variability.

When the Commission adopts a standard it applies to the entire segment including areas of the segment that are under the influence of tributaries. The Listing Methodology excludes data collected within the mixing zone of a

discharge (as defined by Regulation 31), however it does not exclude data collected at the confluences of tributaries and river mainstems. Because selenium bio-accumulates in fish, the chronic selenium standard is designed to protect fish from cumulative life-long exposure. The default from the Listing Methodology is that data from the entire segment (including data at the confluences) is representative because the data represents the levels of selenium that aquatic food chain is exposed to through the segment.

However, where a sampling study targets a particular constituent in a portion of a segment, the data from that study may be skewed and may not be representative of the spatial and temporal nature of the whole segment. Here the Commission determined that it is unclear whether the data collected in the EPA and USFWS's study was representative of the entire segment, and therefore included segment 3 (COLCLCO3) on the 2016 M&E List for selenium.

The River District and the Colorado Stone Sand and Gravel Association have agreed to work with the Division, the Selenium Task Force, and other stakeholders to evaluate whether an alternative approach to a TMDL may be a more effective approach to achieving load reductions

d. COUCEA05c – Upstream Sources of Loading

Segment 5c on the Eagle River is located downstream of the Eagle Mine superfund site with a history of being impacted by the mine. Remedial activities conducted at the Eagle Mine superfund site beginning in the late 1980s resulted in reductions in metals loading and improved water quality in the Eagle River in the vicinity of the superfund site.

At the 2005 Regulation No. 33 rulemaking hearing (Reg. 33 RMH), the Commission adopted resegmentation of Eagle River segment 5 into segments 5a. 5b. and 5c. based on recognized changes in water quality, hardness, and use. In this rulemaking hearing, the Commission placed segment 5c on the 303(d) list for dissolved iron and total recoverable arsenic. Although it was argued that the upstream segments (segments 5a and 5b) should also be included on the 303(d) list as the primary source of contamination in segment 5c, segments 5a and 5b were not included in the Notice for this Rulemaking. The Commission finds that data collected in segment 5c which consisted of 123 total arsenic values with lower detection limits were representative of water quality conditions. The majority of data submitted to assess segments 5a and 5b. however, used a reporting limit of 15 ug/L for the water quality standard of 0.02 ug/L, and all such data were reported as non-detect (43 of the 65 values for segment 5a, and 79 of the 98 values for segment 5b). It is the Commission's intent that TMDLs for this segment 5c will consider upstream sources of loading occurring in the Eagle River as is the division's typical practice for TMDL development.

e. COUCNP04b – Total Recoverable Iron

Jackson County Water Conservancy District (District) proposed to remove the Illinois River (COUCNP04b) from the 303(d) List for total recoverable iron. The division assessed total recoverable iron for the Illinois River portion of the segment. After locational issues with sampling sites were resolved, the division concluded that the segment was in attainment of the total recoverable iron standard. The 50th percentile of the 10 total recoverable iron values for the portion was found to be 746 ug/L, a value less than the aquatic life standard of

1000 ug/L. Therefore, the data supported delisting of this portion and the Commission removed this segment from the 303(d) List for total recoverable iron.

f. COSPUS06a – Aquatic Life

Several parties raised issues with the representative nature of the aquatic life data for Upper South Platte segment 6a. Specifically they state that one data point is not enough to make a listing decision, that the location of the data point collected was not representative of the segments and that the 2003 EPA Standard Operating Procedure (SOP) for collecting benthic macroinvertebrate samples were not used. All of these issues are inconsistent with the Listing Methodology.

The Listing Methodology establishes the standard procedure for collecting macroinvertebrate data, which is the procedure established in Policy 10-1. The Commission reiterates that one data point is sufficient to include or remove a segment on the 303(d) List. Appendix B of the Listing Methodology ensures that samples are collected in stream reaches that are representative but does not necessarily prohibit sampling near areas of human disturbance. The Commission determined that both stations used in the assessment of segment 6a are located at a substantial and sufficient distance upstream from the nearest road or bridge crossing, which in this instance is a highway. Finally, the Commission determined that following the procedures in Policy 10-1 is the appropriate methodology, or standard operating procedure for collecting macroinvertebrate data.

The Commission determined that the data was representative and that segment 6a should be included on the 303(d) List provisionally. The Commission directs the division and interested parties to study this segment to determine the stressors and pollutants that are impacting aquatic life in this segment.

g. Indian Reservations

The Commission intends that the list of water quality-limited segments requiring total maximum daily loads shall apply to waters within the external boundaries of the Southern Ute Indian Reservation only to the extent that the state has jurisdiction, and is not attempting to resolve that jurisdictional issue here.

h. COSPUS10a E. coli

Chatfield Watershed Authority will continue its proactive monitoring program, including current *E. coli* data collection efforts. The Authority is in the early stages of the data analysis and interpretation. Any potential control measures will be based on data and science.

 i. COSPUS16h – Selenium in Toll Gate Creek, East Toll Gate Creek and West Toll Gate Creek

Toll Gate Creek, East Toll Gate Creek, and West Toll Gate Creek are meeting adopted ambient selenium standards. Toll Gate Creek, East Toll Gate Creek, and West Toll Gate Creek were resegmented from Upper South Platte segment 16c to segment 16h at the 2008 Temporary Modifications RMH but never formally delisted from the 303(d) List.

j. COUCNP04a – Sand Creek

State Line Ranch submitted a proposal as part of written public comment proposing that Sand Creek be listed as impaired for sediment due to impacts to a beneficial use. While the Commission found the evidence submitted to be persuasive and compelling evidence of impairment, the Commission was reluctant to list the segment as impaired in this hearing for a number of reasons. One reason was that the proposal was made late in the process and therefore the Division had not had an opportunity to thoroughly review and evaluate the proposal. In addition, potentially affected parties, such as the BLM and the affected local community, were not able to participate in the process. Also, because this would be the first time a segment would be listed for sediment impairing a beneficial use, the Commission would like to proceed thoughtfully to establish appropriate precedent about the factors to be considered in such a decision. Therefore, the Commission included the segment on the M&E List. A proposal may be made for a special hearing to consider this proposal, or that it may be proposed to be included on the 303(d) List as part the next 303(d) listing cycle.

PARTIES TO THE RULEMAKING HEARING

- 1. Public Service Company of Colorado
- 2. Jackson County Water Conservancy District
- 3. Bear Creek Watershed Association
- 4. Climax Molybdenum Company
- 5. Colorado Parks and Wildlfie
- 6. Cripple Creek and Victor Gold Mining Company
- 7. U.S. Environmental Protection Agency
- 8. Eagle River Water and Sanitation District
- 9. Town of Fraser
- 10. Silverthorne/Dillon Joint Sewer Authority
- 11. Suncor Energy (U.S.A.) Inc.
- 12. Upper Blue Sanitation District
- 13. Upper Thompson Sanitation District
- 14. Upper Clear Creek Watershed Association
- 15. Cherry Creek Basin Water Quality Authority
- 16. Eagle River Watershed Council
- 17. Centennial Water and Sanitation District
- 18. City of Colorado Springs and Colorado Springs Utilities
- 19. Tri-State Generation and Transmission Association, Inc.
- 20. City of Boulder
- 21. Metro Wastewater Reclamation District
- 22. Barr Lake and Milton Reservoir Watershed Association
- 23. Colorado Stone, Sand and Gravel Association
- 24. MillerCoors, LLC
- 25. Town of Castle Rock
- 26. City of Steamboat Springs
- 27. Cottonwood Water and Sanitation District
- 28. Trapper Mining Company
- 29. Seneca Coal Company; Peabody-Sage Creek Mining Company; and Twentymile Coal,
- LLC
- 30. Plum Creek Water Reclamation Authority
- 31. POC-1, LLC
- 32. City of Aurora
- 33. Northwest Colorado Council of Governments Water Quality/Quantity Committee
- 34. City of Black Hawk
- 35. Tri-Lakes Wastewater Treatment Facility
- 36. Northern Colorado Water Conservancy District

- 37. County of Pueblo
- 38. Colorado River Water Conservation District
- 39. Dominion Water and Sanitation District
- 40. Parker Water and Sanitation District
- 41. Trout Unlimited
- 42. Chatfield Watershed Authority
- 43. South Platte Coalition for Urban River Evaluation
- 44. Arkansas Fountain Coalition for Urban River Evalutation

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Office of the Attorney General

Tracking number: 2015-00514

Opinion of the Attorney General rendered in connection with the rules adopted by the

Water Quality Control Commission (1002 Series)

on 01/11/2016

5 CCR 1002-93

REGULATION NO. 93 - COLORADO'S SECTION 303(D) LIST OF IMPAIRED WATERS AND MONITORING AND EVALUATION LIST

The above-referenced rules were submitted to this office on 01/12/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

Cynthia H. Coffman

Attorney General by Frederick R. Yarger

Judeick R. Yage

Solicitor General

January 28, 2016 14:03:54

Permanent Rules Adopted

Department

Department of Human Services

Agency

Income Maintenance (Volume 3)

CCR number

9 CCR 2503-9

Rule title

9 CCR 2503-9 COLORADO CHILD CARE ASSISTANCE PROGRAM 1 - eff 03/01/2016

Effective date

03/01/2016

TN# 2015-00791 FA/E 1/8/16, eff. 3/1/16 (former TN# 2015-00830 emergency adoption 12/4/15)

[I:/15111801 Submittal.doc]

(9 CCR 2503-1)

[Instructions: insert at the end of the Statement of Basis and Purpose.]

Revisions to Section 3.905 were final (permanent) adoption of prior emergency rules at the 1/8/2016 State Board meeting (Rule-making# 15-11-18-1), with an effective date of 3/1/2016. Statement of Basis and Purpose and specific statutory authority for these revisions were incorporated by reference into the rule. These materials are available for review by the public during normal working hours at the Colorado Department of Human Services, Office of Strategic Communications and Legislative Relations, State Board Administration.

(9 CCR 2503-9)

[Instructions: replace the following.]

3.905 ARRANGEMENT FOR CHILD CARE SERVICES [Em. eff. 12/4/15; Rev. eff. 3/1/16]

A. Adult Caretaker or Teen Parent Resources

Counties shall provide adult caretakers or teen parents with information on all available types of providers in the community: centers, family child care homes, qualified providers and in-home child care. This information can be provided through child care resource and referral agencies. In addition, counties shall provide adult caretakers with information as required by the state including, but not limited to, information regarding voter registration. In order to support families, counties may offer families referrals for health care coverage for their children, applications for food assistance benefits, housing information, and/or Low-Income Energy Assistance Program (LEAP) information.

B. Parental Fees

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[Instructions: replace the following.]

12. Current Monthly Federal Poverty Guidelines and State Median Income for State Fiscal Year 2016 is as follows:

Family Size	100% Federal Poverty Guideline (FPG) 2015	165% Federal Poverty Guideline (FPG) 2015 (State Minimum Income Limit)	85% State Median Income (SMI) FFY 2016 (State and Federal Maximum Income Limit)
2	\$1,328	\$2,190	\$4,139

3	\$1,674	\$2,762	\$5,112
4	\$2,021	\$3,334	\$6,086
5	\$2,368	\$3,906	\$7,059
6	\$2,714	\$4,478	\$8,033
7	\$3,061	\$5,050	\$8,215
8	\$3,408	\$5,622	\$8,398
9	\$3,754	\$6,194	\$8,581
Each Additional	\$ 347	\$ 572	See Below*
person			

^{*} To adjust for different sizes of households, multiply the state's estimated median income for a four-person family by the following percentages:

- Sixty-eight percent (68%) for a two-person household;
- Eighty-four percent (84%) for a three-person household;
- One hundred percent (100%) for a four-person household;
- One hundred sixteen percent (116%) for a five-person household; and,
- One hundred thirty two percent (132%) for a six-person household.
- For each additional household member above six people, add three (3) percentage points.
- 13. When all children in a family are in part-time care, the parental fee shall be assessed at fifty-five percent (55%) of the above-calculated fee. Part-time care is defined as an average of less than thirteen (13) full-time equivalent units of care per month.

CYNTHIA H. COFFMAN Attorney General

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Tracking number: 2015-00791

Opinion of the Attorney General rendered in connection with the rules adopted by the

State Board of Human Services: #15-11-18-1 CCCAP Federal Poverty Guidlines Correction

on 01/08/2016

9 CCR 2503-9

COLORADO CHILD CARE ASSISTANCE PROGRAM

The above-referenced rules were submitted to this office on 01/14/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 26, 2016 16:23:04

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Jager

Permanent Rules Adopted

Department

Department of Human Services

Agency

Social Services Rules (Staff Manual Volume 7; Child Welfare, Child Care Facilities)

CCR number

12 CCR 2509-4

Rule title

12 CCR 2509-4 CHILD WELFARE SERVICES 1 - eff 03/01/2016

Effective date

03/01/2016

Tracking# 2015-00713 FA/P 1/8/16. eff. 3/1/16

[I:/15081402 Submittal.doc]

(12 CCR 2509-1)

[Instructions: insert at the end of the Statement of Basis and Purpose.]

Revisions to Sections 7.301.24 and 7.304.54 (12 CCR 2509-4) were adopted as final following publication at the 1/8/2016 State Board meeting (Rule-making# 15-8-14-2), with an effective date of 3/1/2016. Statement of Basis and Purpose and specific statutory authority for these revisions were incorporated by reference into the rule. These materials are available for review by the public during normal working hours at the Colorado Department of Human Services, Office of Strategic Communications and Legislative Relations, State Board Administration.

(12 CCR 2509-4)

[Instructions: replace the following section.]

7.301.24 Family Service Plan Out-of-Home Placement Documentation [Rev. eff. 3/1/16]

For child(ren) in out-of-home placement, the Family Services Plan documents:

- A. That the child meets all of the out-of-home placement criteria listed in Section 7.304.3.
- B. That when the child is part of a sibling group and the sibling group is being placed out of the home, if the county department locates an appropriate, capable, willing, and available joint placement for all of the children in the sibling group, it shall be presumed that placement of the entire sibling group in the joint placement is in the best interests of the children. Such presumption may be rebutted by the county by a preponderance of the evidence that placement of the entire sibling group in the joint placement is not in the best interests of a child or of the children. At the dispositional hearing, if a child is part of a sibling group and was not placed with his/her siblings, documentation shall be submitted to the court about whether it continues to be in the best interest of the child(ren) to be placed separately.
- C. The problems to be resolved in order to facilitate reunification of the child and family, and to safely maintain the child in the home.
- D. A description of the type of facility in which the child is placed, the reason(s) the placement is appropriate, and safe for the child. For children placed a substantial distance from the home of the parent(s) or in out-of-state placement, the county shall document how the placement meets the best interests of the child (see Section 7.304.54, J).
- E. A description of how the home is in reasonable proximity to the home of the parents or relatives and to the school the child has attended, including requirements regarding planning for educational stability as outlined in Section 7.301.241.
- F. That the placement is the least restrictive, safe, and most appropriate setting available consistent with the best interests and specific needs of the child. This includes documentation of initial and on-going efforts to place the child with kin.

If the child is moved to a more restrictive placement after the initial placement, the Family Services Plan documents how the more restrictive placement meets the child's needs.

- G. Health and educational information shall be documented in the State Department's automated system and updated at the time of each case review, including addresses and other contact information about the child's current:
 - 1. Education providers, including school, school district, and BOCES contacts who assist in the coordination of enrollment and services, and the child's academic progress.
 - 2. Health care providers and the status of health care information.
- H. Specific plans for how the county will carry out any court determinations or orders concerning the child.
- I. A description of the services and resources needed by the foster parents or kinship providers to meet the needs of the child and how those services and resources will be provided.
- J. A description of the services provided to reunite the family, including the plan for visitation, or to accomplish another permanency goal. The visitation plan shall specify the frequency, type of contact, and the person(s) who will make the visit. At a minimum the visitation plan shall provide the methods to meet the following:
 - 1. The growth and development of the child;
 - 2. The child's adjustment to placement;
 - 3. The ability of the provider to meet the child's needs;
 - 4. The appropriateness of the parent and child visitation, including assessment of risk;
 - 5. The child's contact with parents, siblings, and other family members; and,
 - 6. Visitation between the child and his/her family shall increase in frequency and duration as the goal of reuniting the family is approached.
- K. For youth under the age of fourteen (14), a description of services and a plan for accomplishing tasks to prepare youth to be age appropriately self-sufficient, when independent living services are provided.
- L. For youth age fourteen (14) and older, a description of services and a plan for accomplishing tasks to assist the youth in preparation for self sufficiency and independent living as early in placement as possible but no later than sixty (60) calendar days after the youth's fourteenth (14th) birthday.
- M. Reasonable efforts have been made to maintain the child in the home, or prevent or eliminate the need for removal of the child from the home, or make it possible for the child to return to the home; or when applicable, documentation of the circumstances that exist in which reasonable efforts to prevent removal or reunite the child and the family are not required (see Section 7.304.53, B, 3).
- N. The specified permanency goal for the child shall be based on the individual needs and best interests of the child. Permanency goals shall include one of the following:
 - Remain home;

- Return home;
- Permanent placement with a relative through adoption;
- Permanent placement with a relative through legal guardianship or permanent custody;
- Adoption (non-relative);
- Legal guardianship/permanent custody (non-relative);
- Return home through reinstatement of parental rights;
- Other planned permanent living arrangement through emancipation;
- other planned permanent living arrangement through relative long term foster care;
- other planned permanent living arrangement through non-relative long term foster care.

Permanency goals shall include the projected date (month, day, and year) by which the goal is to be accomplished for each child receiving services.

- 1. The initial permanency goal for the child is to return home with the following exceptions:
 - a. Children whose parents are both deceased or have both voluntarily relinquished custody;
 - b. Children whose parents cannot be located after family search and engagement activities, which shall begin no later than three working days following placement and shall not exceed three months:
 - c. Children whose parents have been guilty of repeated and/or severe abuse or neglect of the child or the child's siblings such that termination of parental rights of both parents is appropriate; or,
 - d. Children for whom it appears, after investigation, that a safe return home will not be possible even with the provision of reasonable efforts.
- 2. After twelve months, the child's caseworker and supervisor shall include written justification on the Family Services Plan for continuation of the goal of return home.
- 3. After eighteen months, the extraordinary circumstances which exist and the reasons which support the permanency goal of return home shall be documented in the Family Services Plan. Approval of the return home permanency goal by the caseworker, supervisor and county administrative review is documented in the case record.
- 4. In concurrent planning cases the alternate permanency goal shall be documented.
- 5. The permanency goal of other planned permanent living arrangement through emancipation shall only be used for youth ages sixteen to twenty-one.
- 6. For a child who has been in foster care under the responsibility of the state for fifteen (15) of the last twenty-two (22) months, the county shall either file a motion for termination of parental rights no later than the end of the fifteenth (15th) month or document and submit to the court at the next review the compelling reason why it is in the child's best interest not to terminate parental rights.

- O. The steps the agency is taking to find an adoptive or other permanent living arrangement for a child for whom the permanency plan is adoption or placement in another permanent home.
- P. The permanency goal for the child would be to remain home barring case circumstances that would indicate the need for an alternative permanency goal when a teen mother and her child are placed together in the same foster home and if a case is opened on the child. The county must see the child when visiting the teen mother in the foster home.
- Q. Requirements for use of Other Planned Permanent Living Arrangement goals as follows:
 - 1. The county department may consider Other Planned Permanent Living Arrangement (OPPLA) as a permanency goal:
 - For youth who are sixteen (16) years of age or over and are demonstrating exceptional circumstances that prevent the youth from returning home, adoption, legal guardianship or permanent custody.
 - 2. The goal shall be reviewed through the use of a family engagement meeting or equivalent team that reviews permanency needs. All of the following shall be submitted to and considered by the review team, and the recommendation shall be submitted to the court.
 - a. Documentation pertaining to the completion of an intensive and ongoing examination of kin and permanent connections. This process shall also address:
 - 1) A comprehensive assessment of the youth's strengths and needs. In addition to updating the assessment of the youth's strengths and needs, the updated assessment or staffing shall address the youth's capacity to live within a family setting.
 - 2) This review team shall also consider the youth's desired permanency outcome.
 - b. A detailed description of efforts made to achieve permanency through the other goals and identification of the barriers to achieve them.
 - c. A detailed description of how OPPLA is in the best interest of the youth.
 - 3. The following is to be documented and made available to the court at each court review.
 - a. Documentation of the barriers to permanency to date and compelling reasons why the other permanency goals are not attainable.
 - b. Documentation of the youth's desired permanency outcome including giving the youth an opportunity to attend each hearing to voice his/her desired goal.
 - c. Documentation of intensive, ongoing, and as of the date of the hearing, unsuccessful efforts to return the youth home or secure a placement for the youth with a fit and willing relative (including adult siblings), a legal guardian, or an adoptive parent, including thorough efforts that utilize technology (including social media) to find biological family members for the youth.
 - d. Documentation of the steps taken to ensure that youth are being supported in engaging in age or developmentally appropriate activities and social events including:

- 1) The youth's foster family home or other placement is following the reasonable and prudent parent standard: and.
- 2) The youth has regular, ongoing opportunities to engage in age or developmentally appropriate activities (including consulting with the youth in an age-appropriate manner about the opportunities of the youth to participate in the activities).
- 4. Documentation which includes the review team's reasons for approving Other Planned Permanent Living Arrangement (OPPLA) shall also be entered in the Family Service Plan as directed by the Division of Child Welfare.
- 5. The use of this goal shall be reviewed by a family engagement or equivalent review team at a minimum of every six (6) months. The county shall request that the court review the case every twelve (12) months to determine if the youth is demonstrating exceptional circumstances that prevent the youth from returning home, adoption, legal guardianship or permanent custody.
- 6. If this goal is not achieved through relative care, a family-like network of significant people shall be developed to provide the youth with a sense of belonging and with support expected to endure over a lifetime.

R. Reinstatement of Parental Rights

- 1. The county department of human or social services may explore the use of reinstatement of parental rights as a permanency option for:
 - a. Youth twelve (12) years of age and older, or child(ren) younger than twelve (12) years of age if they are part of a sibling group where at least one of the child(ren) or youth is twelve or older and is pursuing reinstatement of parental rights; and.
 - b. Child(ren) younger than twelve (12), if they are part of a sibling group where at least one of the child(ren) or youth is twelve or older, and is pursuing reinstatement of parental rights; and,
 - c. Child(ren) or youth who currently do not have a legal parent; and,
 - d. Child(ren) or youth who currently are not in an adoptive placement and not likely to be adopted within a reasonable period of time; and.
 - e Child(ren) or youth who had all other permanency options exhausted; and,
 - f. Cases when the termination of parental rights was ordered at least three-years prior or when it is determined by the court to be in the best interest of the child or youth when termination occurred less than three years prior to the date of the petition for reinstatement is being filed with the court; and,
 - g. Child(ren) or youth and former parent(s) that consent to parental rights being reinstated; and,
 - h. Child(ren) or youth where it is in their best interest, including the financial best interest, to have parental rights reinstated; and,

- i. Former parent(s) who have remedied the issues that led to the termination and those issues did not involve founded allegations of sexual abuse or an incident of egregious abuse or neglect against a child, a near fatality, or a suspicious fatality.
- j. The child is in the legal custody of a county department.
- 2. A county department of human or social services that identifies reinstatement as a permanency option shall complete an assessment of the former parent(s). Completion of the assessment and the results of the assessment will be documented in the statewide case management system. The assessment shall include all of the following:
 - a. Completing the Colorado family risk assessment tool, which must include a visit and inspection of the former parent's home;
 - b. Reviewing the reasons for the termination of parental rights and determining if the concerns identified have been remedied and do not currently exist or present a safety concern;
 - c. Conducting the following background checks on the former parent(s) and any other adults eighteen (18) years of age or older in their home and share the results with all parties to the case:
 - 1) Child abuse/and/or neglect records check in every state where any adult residing in the home has lived in the five years preceding the filing of the petition for reinstatement;
 - 2) Fingerprint-based criminal history checks from the Colorado Bureau of Investigation (CBI), or other state background check if the parent lives in another state, and the Federal Bureau of Investigation (FBI);
 - 3) Review the state Judicial Department's case management system and include in the case record; and,
 - 4) Review the CBI sex offender registry and the national sex offender public website operated by the United States Department of Justice for:
 - a) Known names and addresses of each adult residing in the home; and,
 - b) Address only of the home.
- 3. A safety assessment shall be completed.
- 4. Upon the decision to pursue reinstatement of parental rights; only the county department, guardian ad litem, or a youth sixteen (16) years of age or older may file the petition for reinstatement.
 - a. The petition for reinstatement of parental rights should be filed in the county who has custody of the child(ren) or youth through the dependency and neglect court case.
 - b. The petition shall be filed in the dependency and neglect court case where the termination of parental rights occurred for the former parent(s) or in the event that the current open dependency and neglect case is a termination of the adoptive

- parent's rights, then the petition shall be filed in that court case, as it grants custody of the child(ren) or youth to the county.
- c. If the county is contacted by a former parent inquiring about reinstatement, the county must notify the guardian ad litem (gal) within thirty (30) calendar days after the contact and provide them with the name and address of the former parent(s).
- d. Once the court sets an initial hearing, the county shall develop and report to the court the following:
 - 1) Whether the former parent(s) has remedied the conditions that led to the termination;
 - 2) Based on the assessment of the former parent, including the outcome of the Colorado family risk assessment tool, the transition plan shall include supports or treatment needed for the child(ren) [or] youth and former parent(s) to help make the reinstatement a success;
 - 3) Whether the former parent(s) can provide a safe and stable home for the child(ren) or youth;
 - 4) A visitation or temporary placement plan with the former parent(s) for up to a six month trial period where custody remains with the department; this plan will be approved or modified at this initial hearing.
 - a) Updates about the visits, transition plan, and supports shall be provided at each review hearing and no later than thirty (30) calendar days prior to the expiration of the trial home period.
 - b) At any point the placement is deemed no longer safe or in the best interest of the child(ren) or youth, removal shall be in accordance with procedures outlined in Sections 19-3-401 and 19-3-403, C.R.S.
 - 5) Whether the child(ren) or youth will lose or gain any benefits or services (Medicaid, Chafee, etc.) as a result of the reinstatement being granted.
- 5. If the court grants the order, the county shall select reinstatement of parental rights as the closure reason, in the state automated case management system.
- 6. If the court denies the order the county department shall:
 - a. Arrange for immediate placement of the child(ren) or youth, if the child(ren) or youth is still in the former parent's home;
 - b. Set a permanency hearing to determine a new permanency goal and plan for the child(ren) or youth.

[Instructions: replace the following sections.]

7.304.54 Court Procedures Related to Permanency Planning [Rev. eff. 3/1/16]

- A. The county department must develop a permanent plan for any child who is in out-of-home placement and is the subject of any court action, including Dependency and Neglect, Delinquency, or a Petition to Review the Need for Placement and a concurrent plan for cases filed under Section 19-3-102(2), C.R.S., regarding habitual abuse. The purpose of the plan is to establish treatment needs related to the stated goal for the child and to decide a method to provide a safe, stable, permanent environment for the child as guickly as possible.
- B. The county department shall submit this plan at the permanency court hearing. That hearing must be held before twelve (12) months have elapsed from the date of the child's original out-of-home placement, and shall be held as soon as possible following the dispositional hearing. Following the initial permanency hearing, subsequent permanency hearings must be held every twelve months thereafter while the child remains in out-of-home care. These hearings shall be combined with a periodic review when possible.
- C. The county department shall provide the court with documentation of the efforts made by the department to finalize the permanency plan for the child. The county department shall request the court to make a finding (if the evidence so warrants) that the department made reasonable efforts to finalize the permanency plan for the child.
- D. Paper reviews, ex parte hearings, agreed orders or other actions or hearings which are not open to the participation of the parents of the child (if appropriate age) and foster parents or preadoptive parents are not permanency hearings.
- E. When the court determines that reasonable efforts to return the child home are not required, the county shall request that the permanency hearing be held no later than thirty (30) calendar days after such court determination, unless the requirements of the permanency hearing are fulfilled at the hearing in which such a determination is made.
- F. The county department shall ensure and document that a request is made to the court for such a hearing in sufficient time to assure that the hearing is held within the twelve (12) month time frame. Permanency hearings shall be combined with a review hearing when possible.
- G. The county department shall include, in the permanency plan, recommendations to the court on either:
 - 1. Returning the child to his/her parent or guardian within the next six months; or,
 - 2. Permanent placement with a relative through adoption; or,
 - 3. Permanent placement with a relative through guardianship or permanent custody; or,
 - 4. Adoption (non-relative); or,
 - 5. Legal guardianship/permanent custody (no-relative); or,
 - 6. Return home through reinstatement of parental rights; or,
 - 7. Other planned permanent living arrangement through emancipation; or,
 - 8. Other planned permanent living arrangement through relative long term foster care; or,

- 9. Other planned permanent living arrangement through non-relative long term foster care.
- H. For permanency goals 8 or 9, the county department shall ensure that the plan contains the name or other identifier, such as the system provider number, if the name of the provider must be kept confidential, of the specific placement and the date that placement shall end.
- I. For permanency goals 7, 8, and 9, the following requirements shall apply to the county department of human or social services for purposes of approving the case plan and the case review procedure for youth:
 - 1. At each permanency hearing held with respect to the youth, provide documentation of the intensive, ongoing, and, as of the date of the hearing, unsuccessful efforts made to address the following:
 - a. Return the youth home;
 - b. Secure a placement for the youth with a fit and willing relative (including adult siblings), a legal guardian, or an adoptive parent; and,
 - c. Include efforts that utilize search technology (including social media) to find biological family members for the youth.
 - 2. Provide compelling reasons why it continues not to be in the best interests of the youth to return home, be placed for adoption, with a legal guardian, or with a fit and willing relative.
- J. The county department shall request that the court order contain specific findings regarding the above goals.
- K. The county department shall assure that the permanency hearings determine whether an out-of-state placement continues to be appropriate and is in the best interest of the child.
- L. The county department shall assure that the permanency hearings determine whether the permanency plan includes independent living services for a child sixteen years of age or older.
- M. Permanency hearings are required to be held if a termination is under appeal, for children placed in a permanent foster home with a specific caregiver, and for children who are free for adoption and are placed in adoptive homes pending the finalization of the adoption.
- N. The county department shall file for termination of parental rights no later than the end of the 15th month of placement for any child who has been in foster care under the responsibility of the state for 15 of the last 22 months unless there is a compelling reason submitted to the court identifying why it is in the child's best interest to not terminate parental rights.
- O. The county department shall file for termination of parental rights no later than sixty (60) calendar days after the court determines that the child is an abandoned infant, unless there is a compelling reason submitted to the court identifying why it is in the child's best interest to not terminate parental rights.
- P. The county department shall file for termination of parental rights no later than sixty (60) calendar days after a judicial determination is made that reasonable efforts to reunify the child with the parent are not required, unless there is a compelling reason submitted to the court identifying why it is in the child's best interest to not terminate parental rights.

guardianship eving					

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
Chief of Staff

FREDERICK R. YARGER
Solicitor General



RALPH L. CARR COLORADO JUDICIAL CENTER 1300 Broadway, 10th Floor Denver, Colorado 80203 Phone (720) 508-6000

Office of the Attorney General

Tracking number: 2015-00713

Opinion of the Attorney General rendered in connection with the rules adopted by the

State Board of Human Services: #15-8-14-2 Reinstatement of Parental Rights Per SB14-062

on 01/08/2016

12 CCR 2509-4

CHILD WELFARE SERVICES

The above-referenced rules were submitted to this office on 01/14/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 26, 2016 16:23:17

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Jager

Emergency Rules Adopted

Department

Department of Regulatory Agencies

Agency

Division of Real Estate

CCR number

4 CCR 725-2

Rule title

4 CCR 725-2 RULES OF THE COLORADO BOARD OF REAL ESTATE APPRAISERS 1 - eff 01/07/2016

Effective date

01/07/2016

[NOT FOR PUBLICATION]

DEPARTMENT OF REGULATORY AGENCIES DIVISION OF REAL ESTATE BOARD OF REAL ESTATE APPRAISERS 4 CCR 725-2

EMERGENCY RULE

CHAPTER 11: STANDARDS OF PROFESSIONAL APPRAISAL PRACTICE

Pursuant to and in compliance with Title 12, Article 61 and Title 24, Article 4, C.R.S. as amended, notice of emergency rulemaking is hereby given, including notice to the Attorney General of the State of Colorado and to all persons who have requested to be advised of the intention of the Colorado Board of Real Estate Appraisers ("Board") to promulgate rules, or to amend, repeal or repeal and reenact the present rules of the Board.

Section 1.	Statement of Basis and Authority
Section 2	Scone and Durnose

Section 2. Scope and Purpose

Section 3. Applicability

Section 4. Chapter 11 - Standards of professional appraisal practice

Section 5. Effective Date

Section 1. Statement of Basis and Authority

The statutory basis for the rules titled <u>Rules of the Board of Real Estate Appraisers</u> is Part 7 of Title 12, Article 61, Colorado Revised Statutes, as amended.

Section 2. Scope and Purpose

The specific purpose of this rule is to amend the existing rule with respect to the generally accepted standards of professional appraisal practice.

The Uniform Standards of Professional Appraisal Practice ("USPAP") sets forth ethical and performance standards for the appraisal profession. Compliance with USPAP is required for appraisals in connection with federally related real estate transactions. 12 U.S.C. § 3339(1). USPAP is updated every two years and the current 2014-2015 edition is set to expire on December 31, 2015. The Appraisal Standards Board of The Appraisal Foundation has adopted revisions to USPAP for the 2016-2017 edition. The changes are effective January 1, 2016.

The Board of Real Estate Appraisers finds that immediate adoption of this emergency rule is imperatively necessary to comply with state and federal law, and that compliance with the rulemaking requirements of § 24-4-103, C.R.S., applicable to non-emergency rules, would be contrary to the public interest. The Board has the duty to promulgate rules as required to comply with the federal Financial Institutions Reform, Recovery, and Enforcement Act of 1989, as amended ("FIRREA"). § 12-61-704(1)(a)(I), C.R.S. Under FIRREA, states must recognize and enforce the most current version of USPAP. 12 U.S.C. §§ 3331 and 3347.

It is imperatively necessary that the Board adopts, and incorporates the revised version of USPAP; which includes the definitions, preamble, rules, and standards (including standards rules) on an emergency basis.

Section 3. Applicability

The emergency rule governs real estate appraisers who are subject to the requirements of Part 7 of Title 12. Article 61 of the Colorado Revised Statutes.

Proposed New, Amended and Repealed Rules

[Deleted material shown struck through, new material shown ALL CAPS. Rules, or portions of rules, which are unaffected are reproduced. Readers are advised to obtain a copy of the complete rules of the Board at www.dora.colorado.gov/dre.

CHAPTER 11: STANDARDS OF PROFESSIONAL APPRAISAL PRACTICE

11.1 Pursuant to Section 12-61-713(1)(g), C.R.S. (as amended), the Board adopts, and incorporates by reference in compliance with Section 24-4-103(12.5), C.R.S., as the generally accepted standards of professional appraisal practice the definitions, preamble, rules, standards, and standards rules of the Uniform Standards of Professional Appraisal Practice as promulgated by the Appraisal Standards Board of the Appraisal Foundation on January 30, 1989 and amended through February 6, 2015 and known as the 2016-2017 edition. Amendments to the Uniform Standards of Professional Appraisal Practice subsequent to February 6, 2015 are not included in this Rule. A certified copy of the Uniform Standards of Professional Appraisal Practice is on file and available for public inspection at the offices of the Board of Real Estate Appraisers at 1560 Broadway, Suite 925, Denver, Colorado. Copies of the Uniform Standards of Professional Appraisal Practice adopted under this rule may be examined at any state publications depository library. The 2016-2017 edition of the Uniform Standards of Professional Appraisal Practice may be examined at the Internet website of The Appraisal Foundation at www.appraisalfoundation.org, and copies may be ordered through that mechanism. The Appraisal Foundation may also be contacted at 1155 15th Street, NW, Suite 1111, Washington, DC 20005, or by telephone at (202) 347-7722 or by telefax at (202) 347-7727. The 2014-2015 edition of the Uniform Standards of Professional Appraisal Practice, incorporating the amendments made through February 1, 2013 shall remain in effect through January 6, 2016. Beginning January 7, 2016, the 2016-2017 edition of the Uniform Standards of Professional Appraisal Practice shall be in effect.

[NOT FOR PUBLICATION]

Section 5. Effective Date

This emergency rule is effective January 7, 2016.

DEPARTMENT OF REGULATORY AGENCIES DIVISION OF REAL ESTATE BOARD OF REAL ESTATE APPRAISERS 4 CCR 725-2

EMERGENCY RULE

CHAPTER 11: STANDARDS OF PROFESSIONAL APPRAISAL PRACTICE

Pursuant to and in compliance with Title 12, Article 61 and Title 24, Article 4, C.R.S. as amended, notice of emergency rulemaking is hereby given, including notice to the Attorney General of the State of Colorado and to all persons who have requested to be advised of the intention of the Colorado Board of Real Estate Appraisers ("Board") to promulgate rules, or to amend, repeal or repeal and reenact the present rules of the Board.

Section 1. Statement of Basis and Authority

Section 2. Scope and Purpose

Section 3. Applicability

Section 4. Chapter 11 - Standards of professional appraisal practice

Section 5. Effective Date

Section 1. Statement of Basis and Authority

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Section 2. Scope and Purpose

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The Board of Real Estate Appraisers finds that immediate adoption of this emergency rule is imperatively necessary to comply with state and federal law, and that compliance with the rulemaking requirements of § 24-4-103, C.R.S., applicable to non-emergency rules, would be contrary to the public interest. The Board has the duty to promulgate rules as required to comply with the federal Financial Institutions Reform, Recovery, and Enforcement Act of 1989, as amended ("FIRREA"). § 12-61-704(1)(a)(I), C.R.S. Under FIRREA, states must recognize and enforce the most current version of USPAP. 12 U.S.C. §§ 3331 and 3347.

It is imperatively necessary that the Board adopts, and incorporates the revised version of USPAP; which includes the definitions, preamble, rules, and standards (including standards rules) on an emergency basis.

Section 3. Applicability

The emergency rule governs real estate appraisers who are subject to the requirements of Part 7 of Title 12, Article 61 of the Colorado Revised Statutes.

Proposed New, Amended and Repealed Rules

[Deleted material shown struck through, new material shown ALL CAPS. Rules, or portions of rules, which are unaffected are reproduced. Readers are advised to obtain a copy of the complete rules of the Board at www.dora.colorado.gov/dre.

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Section 5. Effective Date

This emergency rule is effective January 7, 2016.

CYNTHIA H. COFFMAN Attorney General

DAVID C. BLAKE
Chief Deputy Attorney General

MELANIE J. SNYDER
Chief of Staff

FREDERICK R. YARGER
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Office of the Attorney General

Tracking number: 2016-00023

Opinion of the Attorney General rendered in connection with the rules adopted by the

Division of Real Estate

on 01/07/2016

4 CCR 725-2

RULES OF THE COLORADO BOARD OF REAL ESTATE APPRAISERS

The above-referenced rules were submitted to this office on 01/07/2016 as required by section 24-4-103, C.R.S. This office has reviewed them and finds no apparent constitutional or legal deficiency in their form or substance.

January 26, 2016 17:09:30

Cynthia H. Coffman Attorney General by Frederick R. Yarger Solicitor General

Judeick R. Yage

Terminated Rulemaking

Department

Department of Revenue

Agency

Lottery Commission

CCR number

1 CCR 206-1

Tracking number

2015-00784

Termination date

01/28/2016

Reason for termination

On January 27, 2016 the MUSL Board approved the postponement of the effective date of the new changes (2015-00784) to the Grand Prize Carry Forward Pool (GPCFP) from its original implementation date of 2/3/2016 to 7/2/2016.

Nonrulemaking Public Notices and other Miscellaneous Rulemaking Notices

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)



NOTICE OF PUBLIC ADMINISTRATIVE ACTION HEARING BEFORE THE COLORADO WATER QUALITY CONTROL COMMISSION

SUBJECT:

At the date, time and location listed below, the Water Quality Control Commission will hold a public Administrative Action Hearing to consider approval of a 2016 Section 305(b) report entitled "Integrated Water Quality Monitoring and Assessment Report".

SCHEDULE OF IMPORTANT DATES:

Proposed 305(b)report available	Feb. 1, 2016	On commission's web at https://www.colorado.gov/pacific/cdphe/wqcc-administrative-action-hearings
Written comments due	Feb. 24, 2016	Additional submittal information below
Public Administrative Action Hearing	March 7, 2016 9:00 a.m.	Florence Sabin Conference Room Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246

PROCEDURAL MATTERS:

The commission encourages input from interested persons, either in writing prior to the hearing or orally at the hearing. Interested persons should provide their opinions or recommendations as to whether the proposed list should be approved by the commission and forwarded to EPA.

The commission will receive all written submittals electronically. Submittals must be provided as PDF documents and may be emailed to cdphe.wqcc@state.co.us, provided via an FTP site, on a CD or flash drive, or otherwise conveyed to the commission office so as to be received no later than the due date. Written comments will be available to the public on the commission's web site.

AUTHORITY FOR PUBLIC HEARING:

The provisions of 25-8-202(1)(h), (i) and (2) C.R.S. and Section 21.5 B of the "Procedural Rules", Regulation #21 (5 CCR 1002-21) provide the authority for this hearing.

PARTY STATUS:

This is not a rulemaking hearing; therefore, party status provisions of 25-8-101 et. seq., and 24-4-101 et. seq., C.R.S. do not apply. Party status requests shall not be considered by the Commission.

Dated this 20th day of January 2016 at Denver, Colorado.

WATER QUALITY CONTROL COMMISSION

Digitally signed by Nancy Horan DN: dc=local, dc=dphe, ou=Divisions, ou=AFS, ou=Users, cn=Nancy Horan, email=nancy.horan@state.co.us
Date: 2016.01.20 06:04:07 -07'00'

Nancy Horan, Program Assistant

Nonrulemaking Public Notices and other Miscellaneous Rulemaking Notices

Department

Department of Public Health and Environment

Agency

Water Quality Control Commission (1002 Series)



NOTICE OF PUBLIC ADMINISTRATIVE ACTION HEARING BEFORE THE COLORADO WATER QUALITY CONTROL COMMISSION

SUBJECT:

At the date, time and location listed below, the Water Quality Control Commission will hold a public Administrative Action Hearing to consider approval of the Water Quality Control Division's proposed submittal of projects for FY16 Section 319 nonpoint source funds.

SCHEDULE OF IMPORTANT DATES:

Initial list of recommended projects available	Feb. 9, 2016	On commission's web at https://www.colorado.gov/pacific/cdphe/wqcc-administrative-action-hearings	
Written comments due	Feb. 24, 2016	Feb. 24, 2016 Additional submittal information below	
Final list of recommended projects available	Feb. 24, 2016	On commission's web at https://www.colorado.gov/pacific/cdphe/wqcc-administrative-action-hearings	
Public Administrative Action Hearing	March 7, 2016 8:30 a.m.	Florence Sabin Conference Room Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246	

PROCEDURAL MATTERS:

The commission encourages input from interested persons, either in writing prior to the hearing or orally at the hearing. Interested persons should provide their opinions or recommendations as to whether the proposed list should be approved by the commission and forwarded to EPA.

The commission will receive all written submittals electronically. Submittals must be provided as PDF documents and may be emailed to cdphe.wqcc@state.co.us, provided via an FTP site, on a CD or flash drive, or otherwise conveyed to the commission office so as to be received no later than the due date. Written comments will be available to the public on the commission's web site.

AUTHORITY FOR PUBLIC HEARING:

The provisions of 25-8-202(1)(h), (i) and (2) C.R.S. and Section 21.5 B of the "Procedural Rules", Regulation #21 (5 CCR 1002-21) provide the authority for this hearing.

PARTY STATUS:

This is not a rulemaking hearing; therefore, party status provisions of 25-8-101 et. seq., and 24-4-101 et. seq., C.R.S. do not apply. Party status requests shall not be considered by the Commission.

Dated this 20th day of January 2016 at Denver, Colorado.

WATER QUALITY CONTROL COMMISSION

Digitally signed by Nancy Horan DN: dc=local, dc=dphe, ou=Divisions, ou=AFS, ou=Users, cn=Nancy Horan, email=nancy.horan@state.co.us Date: 2016.01.20 06:01:21 -07'00'

Nancy Horan, Program Assistant

Nonrulemaking Public Notices and other Miscellaneous Rulemaking Notices

Department

Department of Revenue

Agency

Taxpayer Service Division - Tax Group



Physical Address: 1375 Sherman Street Denver, CO 80203

Mailing Address: P.O. Box 17087 Denver, CO 80217-0087

Notice regarding Revenue Regulation 39-22-303.12(c).

Taxpayers should not rely on Revenue Regulation 39-22-303.12(c) until further notice.

Discussion.

Section 303-22-303(12)(c), C.R.S, provides that only C corporations that have more than 20% of their property and payroll located inside the United States may be included in a corporate taxpayer's combined return. In 1994 the Department adopted Regulation 39-22-303.12(c) to address the treatment of Foreign Sales Corporations ("FSCs") under section 303-22-303(12)(c), C.R.S. FSCs may receive a reduction in U.S. federal income tax related to certain foreign exports, but do not necessarily have property or payroll for Colorado combined reporting purposes. Regulation 303.12(c) provides that corporations that have no property or payroll cannot have 20% or more of property or payroll located in the United States and therefore cannot be included in a combined report.

This rule was intended to address FSCs in particular. Nevertheless, some taxpayers have interpreted Regulation 303.12(c) to apply to domestic holding companies with no foreign operations and have argued that they can exclude any domestic C corporation from their combined returns if it has no property or payroll, even if it does not do business in a foreign country. The Department disagrees with this interpretation. This issue is currently being addressed in the Colorado courts.

The Department will wait for a final ruling from the courts on the application of section 39-22-303(12)(c), C.R.S., and Regulation 303.12(c) before considering any further action on Regulation 303.12(c). Pending that determination, taxpayers should not rely on this regulation except as it applies to an FSC.

Nonrulemaking Public Notices and other Miscellaneous Rulemaking Notices

Department

Department of State

Agency

Secretary of State

STATE OF COLORADO Department of State

1700 Broadway Suite 200 Denver, CO 80290



Wayne W. Williams Secretary of State

Suzanne Staiert Deputy Secretary of State

Notice of Mandatory Rule Review Written Comment Period

Rules Concerning Campaign and Political Finance [8 CCR 1505-6] February 9, 2016

What is this about?

Secretary Williams is reviewing the Rules Concerning Campaign and Political Finance in accordance with section 24-4-103.3, C.R.S. We invite you to participate in this effort by submitting written comments. The most helpful comments will reference issues within the scope of the rule review criteria outlined below, cite specific sections of the rules, and explain the reason for a recommended change.

For the rule review, the Secretary of State will consider:

- 1. Whether the rule is necessary;
- 2. Whether the rule overlaps or duplicates other rules of the agency or with other federal, state, or local government rules;
- 3. Whether the rule is written in plain language and is easy to understand;
- 4. Whether the rule has achieved the desired intent and whether more or less regulation is necessary;
- 5. Whether the rule can be amended to give more flexibility, reduce regulatory burdens, or reduce unnecessary paperwork or steps while maintaining its benefits;
- 6. Whether the rule is implemented in an efficient and effective manner, including the requirements for the issuance of permits and licenses;
- 7. Whether a cost-benefit analysis was performed by the applicable rule-making agency or official in the principal department pursuant to section 24-4-103 (2.5), C.R.S.; and
- 8. Whether the rule is adequate for the protection of the safety, health, and welfare of the state or its residents

A current copy of the rules is available online at:

http://www.sos.state.co.us/CCR/GenerateRulePdf.do?ruleVersionId=6513&fileName=8%20CC R%201505-6.

How do I submit my comments and what is the deadline?

You may email your comments to <u>SOS.Rulemaking@sos.state.co.us</u>. To ensure consideration of your comments, please submit your comments by 5:00 p.m. on March 9, 2016.

Will my comments appear online?

Yes. To promote transparency and help generate discussion, our office will post a copy of your comments on the Secretary of State's website. We will also incorporate your comments into a report of our review findings that will appear in the Secretary of State's annual departmental regulatory agenda.

To view the comments that we receive, please visit: http://www.sos.state.co.us/pubs/rule making/ruleReviews.html.

Calendar of Hearings

		J ·
Hearing Date/Time	Agency	Location
03/02/2016 09:00 AM	Taxpayer Service Division - Tax Group	1375 Sherman St., Room 127, Denver, CO 80261
03/02/2016 09:00 AM	Taxpayer Service Division - Tax Group	1375 Sherman St., Room 127, Denver, CO 80261
03/02/2016 09:00 AM	Taxpayer Service Division - Tax Group	1375 Sherman St., Room 127, Denver, CO 80261
03/02/2016 09:00 AM	Taxpayer Service Division - Tax Group	1375 Sherman St., Room 127, Denver, CO 80261
03/02/2016 09:00 AM	Taxpayer Service Division - Tax Group	1375 Sherman St., Room 127, Denver, CO 80261
03/02/2016 09:00 AM 03/10/2016 02:00 PM	Taxpayer Service Division - Tax Group Division of Motor Vehicles	1375 Sherman St., Room 127, Denver, CO 80261 1881 Pierce Street, Lakewood, CO 80214, Rm 110
03/10/2010 02:001 101	Division of Wicker Verlicies	(Board/Commissions Meeting Room)
03/02/2016 10:00 AM	Division of Motor Vehicles	1881 Pierce Street, Lakewood, CO 80214, Rm 110 (Board/Commissions Meeting Room)
03/09/2016 08:00 AM	Colorado Parks and Wildlife (405 Series, Parks)	Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216
03/09/2016 08:00 AM	Colorado Parks and Wildlife (405 Series, Parks)	Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216
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03/09/2016 08:00 AM	Colorado Parks and Wildlife (406 Series, Wildlife)	Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216
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03/09/2016 08:00 AM	Colorado Parks and Wildlife (406 Series, Wildlife)	Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216
03/09/2016 08:00 AM	Colorado Parks and Wildlife (406 Series, Wildlife)	Colorado Parks and Wildlife, Hunter Education Building, 6060 Broadway, Denver, CO 80216
03/17/2016 10:00 AM	Division of Banking	Division of Banking, 975 Conference Room, 1560 Broadway, Suite 975, Denver, CO 80202
03/17/2016 10:00 AM	Division of Banking	Division of Banking, 975 Conference Room, 1560 Broadway, Suite 975, Denver, CO 80202
03/03/2016 09:00 AM	Division of Real Estate	1560 Broadway, Suite 1250-C, Denver, CO
03/01/2016 12:00 PM	Division of Professions and Occupations - Board of Marriage and Family Therapist Examiners	1560 Broadway Street, Conference Room 1250 A, Denver, CO 80202
03/16/2016 10:00 AM	Health Facilities and Emergency Medical Services Division (1011, 1015 Series)	Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246
03/16/2016 10:00 AM	Health Facilities and Emergency Medical Services Division (1011, 1015 Series)	Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246
03/16/2016 10:00 AM	Health Facilities and Emergency Medical Services Division (1011, 1015 Series)	Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246
03/16/2016 10:00 AM	Prevention Services Division (1015 Series)	Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246
03/16/2016 10:00 AM	Prevention Services Division (1016 Series)	Sabin-Cleere Conference Room, Colorado Department of Public Health and Environment, Bldg. A, 4300 Cherry Creek Drive, South, Denver, CO. 80246
03/11/2016 01:30 PM	Public Employees' Retirement Association	Colorado PERA Office - 1301 Pennsylvania Street, Denver CO 80203
03/11/2016 09:00 AM	Medical Services Board (Volume 8; Medical Assistance, Children's Health Plan)	303 East 17th Avenue, 11th Floor, Denver, CO 80203
03/04/2016 10:00 AM	Food Assistance Program (Volume 4B)	Jefferson County Department of Human Services, 900 Jefferson County Parkway, Golden, Colorado 80401
03/04/2016 10:00 AM	Division of Rehabilitation (Volume 9)	Jefferson County Department of Human Services, 900 Jefferson County Parkway, Golden, Colorado 80401
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