

NOTICE OF PUBLIC RULEMAKING HEARING BEFORE THE COLORADO WATER QUALITY CONTROL COMMISSION

SUBJECT:

For consideration of the adoption of revised water quality classifications, standards and designations for multiple segments in the Classifications and Numeric Standards for Arkansas River Basins, Regulation #32 (5 CCR 1002-32) and Rio Grande Basins, Regulation #36 (5 CCR 1002-36).

Proposed revisions and proposed statement of basis and purpose language have been submitted by the following:

- Exhibit 1- Regulation #32, Water Quality Control Division (division);
- Exhibit 2- Regulation #36, division;
- Exhibit 3 Regulation #32, Arkansas Fountain Coalition for Urban River Evaluation (AF CURE):
- Exhibit 4 Regulation #32, City of Las Animas (Las Animas);
- Exhibit 5 Regulation #32, Public Service Company of Colorado (Public Service);
- Exhibit 6 Regulation #32, City of Publo (Pueblo);
- Exhibit 7 Regulation #32, Pueblo West Metropolitan District (Pueblo West);
- Exhibit 8 Regulation #32, Resurrection Mining Company (Resurrection); and
- Exhibit 9 Regulation #36, Rio Grande Silver, Inc.

In these attachments, proposed new language is shown with <u>double-underlining</u> and proposed deletions are shown with <u>strikeouts</u>. Any alternative proposals related to the revisions proposed in Exhibits 1 through 9 and developed in response to those proposals will also be considered.

SCHEDULE OF IMPORTANT DATES

Proponent's prehearing statement due	03/14/2018 5 pm	Additional information below.
Party status requests due	03/20/2018 5 pm	Additional information below.
Responsive prehearing statements due	04/18/2018 5 pm	Additional information below.
Rebuttal statements due 05/16/2018 5 pm		Additional information below.
Last date for submittal of motions	05/22/2018 5 pm	Additional information below.

Notify commission office if participating in prehearing conference by phone	05/23/2018 by noon	Send email to cdphe.wqcc@state.co.us with participant(s) name(s)
Prehearing Conference (mandatory for parties)	05/24/2018 1:30 pm	Carson Conference Room Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246 Call-In number: 1-857-216-6700 Conference code: 425132
Cutoff of negotiations	05/30/2018	
Division's consolidated proposals	06/06/2018	
Rulemaking Hearing	06/11/2018 10:00 am	Salida SteamPlant Event Center 220 West Sackett Salida, CO 81201

TRIENNIAL REVIEW PROCESS OVERVIEW:

This rulemaking hearing is the third and final step in a three-step process for triennial review of water quality classifications and standards in Colorado. The first step is an issues scoping hearing which provides an opportunity for early identification of potential issues that may need to be addressed in the next major rulemaking hearing, and for identification of any issues that may need to be addressed prior to that time. The issues scoping hearing for this regulation was held in October 2016. The second step in the triennial review process, the issues formulation hearing, results in the identification of specific issues to be addressed in the next major rulemaking. The issues formulation hearing for this regulation was held in November 2017. The third step is the rulemaking hearing where any revisions to the water quality classifications and standards are formally adopted. Information regarding triennial reviews of water quality classifications and standards is provided on the commission's website.

HEARING SUBMITTALS:

For this hearing, the commission will receive all submittals electronically. Submittals must be provided as PDF documents, except for raw data exhibits which may be provided as Excel workbooks. Sumbittals may be emailed to cdphe.wqcc@state.co.us, provided via an FTP site, CD or flash drive, or otherwise conveyed to the commission office so as to be received no later than the specified date.

PARTY STATUS:

Party status requests must be in writing and must provide:

- the organization's name,
- one contact person,
- a mailing address,
- a phone number, and

 email addresses of all individuals associated with the party who wish to be notified when new submittals are available on the commission's website for review.

In accordance with section 25-8-104(2)(d), C.R.S., any person who believes that the actions proposed in this notice have the potential to cause material injury to his or her water rights is requested to so indicate, along with an explanation of the alleged harm, in their party status request.

The commission encourages informal discussions among the parties, the division and other interested persons prior to the hearing in an effort to reach consensus or to develop proposed resolutions of issues and/or narrow the issues potentially in dispute. The commission strongly encourages that any multi-party/division proposals for the resolution of issues (including proposed statement of basis and purpose language whenever feasible) be submitted as part of the administrative record as early as possible, but at least by the prehearing conference.

PREHEARING AND REBUTTAL STATEMENTS:

Each party must submit a prehearing statement: parties that have proposed revisions attached as exhibits to the notice must submit a proponent's prehearing statement; all other parties must submit a responsive prehearing statement. Proponents may also submit responsive prehearing statements when there are multiple proposals attached to the notice.

Each prehearing and rebuttal statement must be provided as a separate PDF document from any accompanying written testimony or exhibits.

Following the rebuttal statement due date, no other written materials will be accepted from parties except for good cause shown.

Oral testimony at the hearing should primarily summarize written material previously submitted. The hearing will emphasize commission questioning of parties and other interested persons about their written prehearing submittals. Introduction of written material at the hearing by those with party status will not be permitted unless authorized by the commission.

PREHEARING CONFERENCE:

Attendance at the prehearing conference is mandatory for all persons requesting party status. Parties needing to participate by telephone are encouraged to notify the commission office prior to the prehearing conference. Remote participants can call 1-857-216-6700 and enter the conference code 425132. Failure to attend the prehearing conference in person or by telephone shall be cause to deny party status.

CUT-OFF DATE FOR MOTIONS:

Following the cut-off date for motions, no motions will be accepted, except for good cause shown.

PUBLIC PARTICIPATION ENCOURAGED:

The commission encourages input from non-parties, either orally at the hearing or in writing prior to the hearing. Written submissions should be emailed to cdphe.wqcc@state.co.us by May 30, 2017.

SPECIFIC STATUTORY AUTHORITY:

The provisions of sections 25-8-202(1)(a), (b), and (2); 25-8-203; 25-8-204; and 25-8-402, C.R.S., provide the specific statutory authority for consideration of the regulatory amendments proposed by this notice. Should the commission adopt the regulatory language as proposed in this notice or alternative amendments, it will also adopt, in compliance with section 24-4-103(4) C.R.S., an appropriate Statement of Basis, Specific Statutory Authority, and Purpose.

Trisha Oeth, Administrator

Dated this 8th day of February, 2018 at Denver, Colorado.

WATER QUALITY CONTROL COMMISSION	

EXHIBIT 1 WATER QUALITY CONTROL DIVISION

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

5 CCR 1002-32

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 Appendix 32-1). 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 Appendix 32-1. 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 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**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 Appendix 32-1. 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 Appendix 32-1.

(3) **URANIUM**<u>Uranium</u>

- (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 ugug/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 Nutrients

Prior to MayDecember 31, 2022 for chlorophyll a and prior to December 31, 2027 for total phosphorus, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e) and (f). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to MayDecember 31, 20427, only total phosphorus and chlorophyll a will be considered for adoption. After MayDecember 31, 20427, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(eg).

Prior to May December 31, 20227, 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
COARUA12bCOAR UA13	Monarch Mountain Lodge	Garfield WWTF	CO0028444
COARUA12bCOAR UA13	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

Segment	Permittee	Facility name	Permit No.
COARFO04	Academy School Dist 20	Edith Wolford Elem School	CO0048429
COARFO04	Lower Fountain Metropolitan Sewage Disposal District	HDTRWRF	CO000005
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
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
COARLA02aCOAR MA13c	Country Host Motel	Country Host Motel	COG589038
COARLA02a	Crowley Town of	Crowley WWTF	CO0041599
COARLA02a	Eads Town of	Eads WWTF	COG589016
COARLA02aCOARL A02d	Limon, Town of	Limon WWTF	COG589023
COARLA02a	Simla Town of	Simla WWTF	COG589031
COARLA02dCOARL A02a	Springfield Town of	Springfield WWTF	COG589102
COARLA02dCOARL A02a	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 feetnote 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:

```
acute (1-day)
         Ξ
<u>∘C</u>
                degrees Celsius
                chronic (30-day)
<u>ch</u>
         ≡
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
                Escherichia coli
E. coli
         =
mg/l
                milligrams per liter
         =
MWAT
                maximum weekly average temperature
OW
                outstanding waters
         =
SSE
                site-specific equation
         =
<u>s</u>Sp
         =
                spawning
SSE
                site-specific equation
         ≡
                total recoverable
Т
         Ξ
<u>‡t</u>
                total
         =
tr
         =
                trout
Ŧ
         =
                total recoverable
TVS
         =
                table value standard
uuq/l
                micrograms per liter
         =
UP
         =
                use-protected
WS
                water supply
         =
WS-I
                warm stream temperature tier one
         =
                warm stream temperature tier two
WS-II
         =
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 = $300 \mu g/I$ (dissolved) Manganese = $50\mu g/I$ (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) Table Value Standards

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 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[In(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
	$acute = \frac{0.275}{1+10^{7.204-pH}} + \frac{39.0}{1+10^{pH-7.204}}$
	$chronic = \left(\frac{0.0577}{1+10} + \frac{2.487}{1+10}pH - 7.688\right) * MIN \left(2.85, 1.45 * 10^{0.028(25-T)}\right)$
	Warm Water = (mg/l as N) Total
	0.411 58.4
	$acute = \frac{0.411}{1+10} + \frac{58.4}{1+10} + \frac{1}{1+10} + \frac{58.4}{1+10} + \frac{1}{1+10} $
	chronic $(Apr1 - Aug\ 31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \left(2.85, 1.45*10^{0.028(25-T)}\right)$
	$chronic \; (Sep 1 - Mar 31) = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) * 1.45 * 10^{0.028*(25 - MAX(T, 7))}$
Cadmium	Acute = (1.136672-[In(hardness) x (0.041838)])x e
	0.9151[In/hardness]_3.6236
	Acute(Trout) = (1.136672-[In(hardness)x (0.041838)]) x e 0.7998[In(hardness)]-4.4451
	Chronic = $(1.101672-[ln(hardness) x(0.041838)] x e^{-(1.101672-[ln(hardness) x(0.041838)] x})$
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 = $e^{(0.8545[\ln(\text{hardness})]-1.7428)}$
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 = $\frac{1}{2}e^{(1.72[ln(hardness)]-6.52)}$
	$Chronic = e^{(1.72[ln(hardness)]-9.06)}$

	Chronic(Trout) = $e^{(1.7)}$	72[In(hardness)]	-10.51)			
Temperature	TEMPERATURE	TIER	SPECIES EXPECTED	APPLICABLE		RATURE ARD (°C)
	TIER	CODE	TO BE PRESENT	MONTHS	MWAT	DM
	Cold Stream Tier 1	CS-I	brook trout outthroot trout	June – Sept.	17.0	21.7
	Cold Stream Tier 1	C3-1	brook trout, cutthroat trout	Oct. – May	9.0	13.0
	Cold Stream Tier 2	CS-II	Other cold-water species	April – Oct.	18.3	23.9 24.3
	Oold Officant Fict 2	0011	Other cold water species	Nov. – March	9.0	13.0
	(7)		brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2
	Cold Lakes ^[7]	CL	rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
	Cold Large Lakes (>100 acres	CLL	rainbow trout, brown	April – Dec.	18.3	23.8 24.2
	surface area) 47		trout, lake trout	Jan. – March	9.0	13.0
	Warm Stream	We I	common shiner, Johnny	March – Nov.	24.2	29.0
	Tier 1	I VV S-I I darrer orandernroat		Dec. – Feb.	12.1	14.5 <u>24.6</u>
			brook stickleback, central stoneroller, creek chub,	March – Nov.	27.5	28.6
	Warm Stream Tier 2	WS-II	longnose dace, Nnorthern redbelly dace, finescale dace, razorback sucker, white sucker, mountain sucker	Dec. – Feb.	13.8	14.3 25.2
	Warm Stream		all other warm-water	March – Nov.	28.7	31.8
	Tier 3	WS-III	species	Dec. – Feb.	14.3	15.9 24.9
			black crappie, bluegill, common carp, gizzard	April – Dec.	26. <u>2</u> 3	29. <u>53</u>
	Warm Lakes	WL	shad, golden shiner, largemouth bass, Nnorthern pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, stonecat, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	Jan. – March	13. <u>21</u>	14.8 24.1
Uranium	Acute = e ^{(1.1021[In(hardn}	ess)]+2.7088)	·			
	Chronic = e(1.1021[In(hai					
Zinc	Acute = 0.978*e (0.909	94[In(hardness)]	+0.9095)			
	Chronic = 0.986*e (0.5)	9094[In(hardnes	ss)]+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.
- 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 ugg/I 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) <u>Lake trout-based summer temperature criteria [16.6 (ch), 22.4 (ac)] apply where appropriate and necessary to protect lake trout from thermal impacts.</u>

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.

<u>The following is information regarding duration and measured form of standards in Appendix 325-1:</u>

- (a) 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.
- (b) All phosphorus standards are based upon the concentration of total phosphorus. For total phosphorus, stream standards are expressed as an annual median and for lakes standards as a summer (July 1 September 30) average in the mixed layer. For chlorophyll a, stream standards are expressed as a maximum of attached algae and lakes standards as a summer (July 1 September 30) average in the mixed layer. For additional assessment details, see tables at Regulation 31.17(b) and (d).

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(c) 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.

(d) All mercury standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water.

(6) Discharger Specific Variances

- (a) A Discharger Specific Variance (DSV) establishes a temporary water quality standard that represents the highest degree of protection of a classified use that is feasible within 20 years and is granted by the Commission pursuant to criteria contained in Regulation 31.7(4).
 - (i) In every case, the variance to the standard shall be temporary and must be reexamined not less than once every three years.
 - (ii) For DSVs that are longer than five years in duration, the Commission will submit the results of its re-evaluation to EPA within 30 days of the date the Commission completes its re-evaluation. Pursuant to 40 CFR 131.14(b)(1)(v)-(vi), the DSV will no longer be the applicable water quality standard for purposes of the Clean Water Act if the Commission does not conduct a re-evaluation consistent with the specified frequency or if the Commission does not submit the results within 30 days of completion of the re-evaluation process.
- (b) The first number of the DSV 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 the discharger. 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 discharger.
- (c) Lower Arkansas Segment 1b:

Discharger Specific Variance, City of La Junta (CO0021261): Adopted 10/11/2016.

Selenium (acute) = TVS: no limit; Selenium (chronic) = TVS: 0.37 lbs/day as a 12-month rolling average. Expiration date: 12/31/2026.

32.7 - 32.9 RESERVED

. . . .

32.61 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

A. Water Body Segmentation

Some segments were renumbered, combined, or new segments were created to facilitate appropriate organization of water bodies in this regulation. Renumbering and/or creation of new segments was made based on information that showed: a) the original reason for segmentation no longer applied; b) significant differences in uses, water quality and/or physical characteristics warrant a change in standards on only a portion of the existing segment; and/or c) certain segments could be merged into one segment because they had similar water quality and uses. The following changes were made:

<u>Upper Arkansas River Segment 5</u>: Segment 5 was divided into segments 5a and 5b as part of changes to temperature standards. The mainstem of Trout Creek from its source to Trout Creek Reservoir, including all tributaries and wetlands, was moved to from Segment 5 to Segment 5b to facilitate adoption of CS-II temperature standards.

<u>Upper Arkansas River segments 14d and 14e</u>: The mainstems and tributaries of Grape Creek, Fernleaf Creek, West Creek, Oak Creek, Adobe Creek, Chandler Creek, Cherry Creek, East Creek and Mineral Creek were moved from Segment 14d to Segment 14e to facilitate adoption of WS-II temperature standards on the remaining streams in Segment 14d and retain CS-II standards on streams in new Segment 14e.

<u>Upper Arkansas River Segment 15</u>: Segment 15 was divided into segments 15a and 15b as part of changes to temperature standards. New Segment 15a includes the mainstem of Badger Creek, including all tributaries and wetlands, and the mainstem of Texas Creek, including all tributaries and wetlands, which are not on forest service land. New Segment 15a was assigned CS-II temperature standards and new Segment 15b retained CS-I temperature standards.

Middle Arkansas River Segment 13c: All tributaries and wetlands to the Cucharas and Huerfano Rivers not on forest service lands, except for specific listings in 13a and 13b, were moved from Lower Arkansas segment 2a to Middle Arkansas Segment 13c to reflect the actual location of these streams. The mainstems of the Cucharas and Huerfano Rivers are located in the Middle Arkansas River basin.

<u>Middle Arkansas River Segment 27</u>: Segment 27 (Teller Reservoir) was moved to new segment Upper Arkansas Segment 41 to reflect Teller Reservoir's location in the Upper Arkansas River Basin.

Lower Arkansas River Segments 2a and 2d/Middle Arkansas Segment 13c: Kiowa Creek, including all tributaries, from its source to the mouth. Bear Creek from the dry tributary at (37.415787, -102.593927) to the confluence with Muddy Creek. Unnamed tributary from the source north of county road 350 (37.307, -104.29) to the confluence with the Purgatoire River. Unnamed tributary to Lake Creek from railroad tracks southwest of Limon (39.261, -103.679) to the confluence with Lake Creek. Lake Creek from the confluence with the unnamed tributary (39.254, -103.66) to the confluence with Big Sandy Creek was moved from Lower Arkansas Segment 2a to new Segment 2d to facilitate removal of the Water Supply use.

Segment descriptions were also edited to improve clarity, correct typographical errors, and correct spelling errors. These changes are listed in Section O.

B. Aquatic Life Use Classifications and Standards

Some segments assigned an Aquatic Life use classification were missing a standard to protect that use. The commission adopted the missing standards for the following segments:

[List to be completed following preliminary final action by the commission.]

The commission reviewed information regarding the existing aquatic communities. For segments lacking an Aquatic Life use classification, a use was added where biological information demonstrated that these waters are capable of sustaining aquatic biota. Additionally, Class 2 segments with high MMI scores or a wide variety of fish species were upgraded from Class 2 to Class 1.

The following segments were upgraded from Cold 2 to Cold 1:

[List to be completed following preliminary final action by the commission.]

The commission reviewed information regarding the existing aquatic communities. For segments where the existing aquatic communities are not aligned with the Aquatic Life use, the following segments were downgraded from Cold to Warm:

[List to be completed following preliminary final action by the commission.]

The commission reviewed all Class 2 segments that have fish that are "of a catchable size and which are normally consumed and where there is evidence that fishing takes places on a recurring basis." Water + Fish or Fish Ingestion standards were applied to the following segments:

[List to be completed following preliminary final action by the commission.]

C. Recreation Use Classifications and Standards

The commission reviewed information regarding the current Recreation use classifications and evidence pertaining to actual or potential primary contact recreation, and no changes were adopted at this time. In addition, newly created segments were given the same Recreation use classification as the segment from which they were split, unless there was insufficient evidence to support keeping that classification, or evidence to show that the existing use classification was inappropriate.

Some segments assigned a Recreation use classification were missing a standard to protect that use. The commission adopted the missing standards for the following segments:

[List to be completed following preliminary final action by the commission.]

D. Water Supply Use Classification and Standards

The commission added a Water Supply use classification and standards where the evidence demonstrated a reasonable potential for a hydrological connection between surface water and alluvial wells used for drinking water. The Water Supply use classification and standards were added to the following segments:

[List to be completed following preliminary final action by the commission.]

The commission removed the Water Supply use classification and standards where the evidence demonstrated that a Water Supply use does not currently exist due to flow or other conditions, and that such a use is not reasonably expected in the future due to water rights, source water options, or other

conditions. The Water Supply standard for chloride was retained for these segments, given concerns regarding the protection of aquatic life by the existing Water Supply standards. The Water Supply use classification and standards, except for chloride, were removed from the following segments:

[List to be completed following preliminary final action by the commission.]

For the segments where the Water Supply use classification and standards were removed, the commission adopted the division's proposal to retain the 250 mg/L chronic (30-day average) standards for chloride as an interim step, based on evidence presented demonstrating the toxic effects of chloride on aquatic life. Retaining the current chloride standard is necessary to protect the assigned Aquatic Life uses and to ensure that these waters are free from substances toxic to aquatic life in accordance with 31.11(1)(a)(iv). The commission retained the numeric standard for chloride because narrative standards have often proved challenging to implement, and interim numeric standards will provide implementable interim standards while allowing time for development of robust replacement criteria based on the latest scientific information.

The commission recognizes that there is scientific uncertainty about the appropriate standards for chloride and/or sulfate to protect the Aquatic Life use, and that appropriate standards may need to recognize that toxicity is affected by site water characteristics (similar to the influence of hardness on the toxicity of dissolved metals). The commission's intention is that future revisions to the numeric standards assigned to these segments, and also to Regulation No. 31 (i.e., aquatic life-based table values chloride and/or sulfate), can be considered if: (1) EPA issues new or updated CWA § 304(a) Aquatic Life criteria recommendations, (2) another state adopts new or revised Aquatic Life criteria and EPA approves, or (3) protective criteria otherwise become available that incorporate the latest scientific information on the risks to aquatic life posed by these pollutants.

E. Agriculture Use Classification and Standards

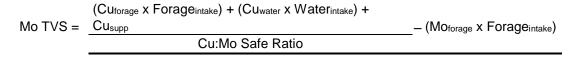
The commission reviewed the single segment lacking an Agriculture use. Based on an evaluation of the available data and information, no changes were adopted at this time.

F. Other Standards to Protect Agriculture, Aquatic Life, and Water Supply Uses

1. Molybdenum: In 2010, the commission adopted a new standard for molybdenum to protect cattle from the effects of molybdenosis. The table value adopted at that time was 300 μg/L, but included an assumption of 48 mg/day of copper supplementation to ameliorate the effects of molybdenosis. State and local experts on cattle nutrition indicated that copper supplementation in the region is common, but is not universal. Therefore, the copper supplementation assumption was removed from the equation, which then yielded a standard of 160 μg/L. That standard was applied in recent basin reviews.

In the 2015 Regulation No. 38 hearing, the commission adopted a standard of 150 μ g/L, based on an improved understanding of the dietary- and water-intake rates for various lifestages of cattle. This standard is protective of all life-stages of cattle (including lactating cows and growing heifers, steers and bulls) at all times of year.

The Agriculture table value assumes that the safe copper:molybdenum ratio is 4:1. Food and water intake is based on growing heifers, steers, and bulls consuming 6.7 kg/day of dry matter and 56.8 liters of water per day. Molybdenum supplementation is assumed to be zero. The table value standard (TVS), which considers total copper and molybdenum intakes, is calculated from the following equation:



Waterintake

The assumed values for these equations are as follows:

 $Cu_{forage} = 7 \text{ mg/kg}$, $Forage_{intake} = 6.7 \text{ kg/day}$, $Cu_{water} = 0.008 \text{ mg/L}$, $Water_{intake} = 56.8 \text{ L/day}$, $Cu_{supplementation} = 0 \text{ mg/day}$, Cu:Mo Safe Ratio = 4:1, $Mo_{forage} = 0.5 \text{ mg/kg}$.

In 2010, the commission also adopted a new standard for molybdenum to protect the Water Supply use that was calculated in accordance with Policy 96-2.

A molybdenum standard of 150 μ g/L was adopted for all segments in Regulation No. 32 that have an Agriculture use classification, and where livestock or irrigated forage are present or expected to be present.

2. Cadmium for Aquatic Life: The commission adopted updated hardness-based cadmium Aquatic Life standards on a targeted, site-specific basis in cold waters to reflect the most upto-date science. The new standards, released by the U.S. Environmental Protection Agency (EPA) in March 2016, are protective of sensitive cold water aquatic life (i.e., trout). The cadmium criteria recommended by EPA and adopted by the commission are as follows:

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Acute = e^{(0.9789*ln(hardness) - 3.866)*}(1.136672-(ln(hardness)*0.041838))
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Chronic = $e^{(0.7977*ln(hardness) - 3.909)*}(1.101672-(ln(hardness)*0.041838))$

EPA's updated cadmium criteria are less stringent than Colorado's current cadmium standards when water hardness is greater than 45 mg/L CaCO₃. Although the criteria are less stringent, they were developed using the latest science and are protective of aquatic life, and it is expected that Colorado's state-wide cadmium standards will likely be updated using the 2016 EPA cadmium criteria at a later date. Therefore, the commission determined it was appropriate to adopt the new criteria for waters known to be impaired for cadmium to ensure forthcoming clean-up goal development and Total Maximum Daily Load (TMDL) evaluations are based on the most relevant water quality standards available. The updated cadmium standards were adopted for the following segments:

[List to be completed following preliminary final action by the commission.]

3. Cadmium, Nickel, and Lead for Water Supply: A review of the cadmium, nickel, and lead standards showed that uses were not always adequately protected by the standards currently in the tables. Depending on hardness, the Aquatic Life standards for cadmium, lead, and nickel were not protective of the Water Supply use. The division reviewed all segments in Regulation No. 32 to determine if the current standards applied to each segment are fully protective of the assigned uses, and revised or added standards where appropriate.

The cadmium Water Supply standard was added because the acute Aquatic Life standard is not protective when the hardness was greater than 200 mg/L in non-trout streams and 345 mg/L in trout streams; the lead Water Supply standard was added because the acute Aquatic Life standard is not protective when hardness is greater than 79 mg/L; and the nickel Water Supply standard was added because the chronic Aquatic Life standard is not protective when hardness is greater than 216 mg/L. Cadmium, lead, and nickel Water Supply standards were added to the following segments:

[List to be completed following preliminary final action by the commission.]

4. Aquatic Life Criteria for Selenium and Ammonia: The commission declined to adopt EPA's revised 304(a) Aquatic Life criteria for selenium and ammonia at this time; however, the division is committed to evaluating these new criteria. Studies are currently underway for each parameter to improve understanding of these criteria in the context of water quality conditions in Colorado and how these criteria may be adopted and implemented in Colorado in the future.

G. Antidegradation Designations

The commission reviewed all segments designated Use Protected to determine if the Use Protected designation was still warranted. Based upon available water quality data that meet the criteria of 31.8(2)b, the Use Protected designation was not removed from any segments.

The commission reviewed all Reviewable segments to determine if this Antidegradation designation was still warranted. Based upon available water quality data that fails to meet the criteria of 31.8(2)b, the Reviewable designation was not removed from any segments.

H. Ambient Quality-Based and Site-Specific Criteria-Based Standards

Ambient quality-based standards are adopted where a comprehensive analysis has been conducted demonstrating that elevated existing water quality levels are the result of natural conditions or are infeasible to reverse, but are adequate to protect the highest attainable use.

All existing ambient-based standards were reviewed and where appropriate were revised based on new information. Ambient-based standards were revised for the following segments:

[List to be completed following preliminary final action by the commission.]

Ambient-based standards were deleted from the following segments:

[List to be completed following preliminary final action by the commission.]

The commission reviewed all other existing site-specific standards. Based on an evaluation of the available data and information, no additional changes were adopted at this time.

I. Temporary Modifications

All existing Temporary Modifications were examined to determine if they should be allowed to expire or if they should be extended, either unchanged or with changes to the numeric limits.

The commission allowed to expire on 12/31/2018 temporary modifications on the following segments:

[List to be completed following preliminary final action by the commission.]

To remain consistent with the commission's decisions regarding arsenic in section 32.51, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/21) were retained.

J. Discharger Specific Variances

There is currently one segment in the Arkansas River Basin (Lower Arkansas Segment 1b) that has a discharger specific variance (DSV) for selenium. The commission reviewed the basis for this DSV and the available information regarding progress toward achieving the highest attainable water quality. The commission determined that this DSV is still appropriate and does not require revision at this time.

K. Temperature Standards for Rivers and Streams

The commission revised temperature criteria in Regulation No. 31 in 2007, and again in 2010, based on the development of the Colorado Temperature Database and a lengthy stakeholder process. In 2013, the new temperature standards were adopted for all segments with an Aquatic Life use classification in Regulation No. 32. In June 2016, temperature criteria in Regulation No. 31 were further revised, including changes to the temperature table value standards, revision of warm water winter acute standards, and the addition of footnotes to protect lake trout and mountain whitefish.

- 1. Colorado Temperature Database Update: The Colorado Temperature Database was updated in 2016 to reflect the most recent research regarding the thermal requirements of Colorado's fishes, which allowed for adoption of an overall update of the cold and warm water acute and chronic temperature table value standards. In this hearing, the commission adopted revisions at 32.6(3) to bring this regulation into conformity with the revised table value standards found in Table I of Regulation No. 31.
- 2. Warm Water Winter Acute Table Values: The 2016 updates to the temperature database also allowed for the adoption of revisions to the warm water winter acute table values. When seasonal numeric temperature standards were first adopted in 2007, warm water winter acute and chronic standards were simply set at half the summer season table values, recognizing a pattern seen in cold waters. In 2016, the acute winter table values for warm water fish were revised based on lethal temperature thresholds established in laboratory experiments for fish acclimated to "winter" temperatures. Standards derived using this new method more accurately protect warm water fish from acute thermal effects in winter. In this hearing, the commission adopted revisions at 32.6(3) to bring this regulation into conformity with the revised warm water winter acute temperature table value standards found in Table I of Regulation No. 31.
- 3. Mountain Whitefish and Lake Trout Footnotes: In 2016, the commission adopted two footnotes to Table I of Regulation No. 31 to allow for additional thermal protection of mountain whitefish and lake trout where appropriate. These species were given special standards due to their thermal sensitivity and limited distributions. Lake trout occur in only a small number of lakes and reservoirs, and thermally-sensitive spawning and early life stages of mountain whitefish are known to occur only in certain cold water tributaries. In this hearing, the commission adopted standards to protect lake trout on a site-specific basis where information provided by Colorado Parks and Wildlife biologists indicated that this species occurs and protection from thermal impacts is necessary and appropriate. In Regulation No. 32, there are no water bodies where thermally-sensitive spawning and early life stages of mountain whitefish are known to occur, based upon information provided by Colorado Parks and Wildlife.

Temperature standards to protect lake trout were added to the following segments:

[List to be completed following preliminary final action by the commission.]

4. Refinement of Temperature Standards: Since temperature criteria were revised in Regulation No. 31 in 2007, the division and others have worked to ensure that appropriate temperature standards were adopted for segments throughout the state. At times, this effort to assign temperature standards has also included reevaluation of the existing Aquatic Life use classifications, and use revisions have been proposed and adopted where appropriate. Incremental progress continues as temperature standards are refined based on the experience and data gains that have occurred since initial adoption of temperature standards.

In the 2016 Regulation No. 31 hearing, the commission declined to adopt the division's proposal for statewide solutions for temperature transition zones and shoulder seasons, in favor of a basin-by-basin consideration of temperature standards on a site-specific basis. The basin-by-basin approach was selected as it allows for consideration of temperature attainability and ambient

quality-based site-specific temperature standards issues in the context of multiple lines of evidence and site-specific contravening evidence. The sections below describe the considerations and methods used to develop and support the site-specific temperature standards revisions adopted in this basin hearing.

- i. Existing Uncertainty: While a great deal of progress has been made regarding the development and implementation of temperature standards, uncertainty still remains for some segments due to the lack of site-specific temperature or aquatic community information or conflicts between the lines of evidence. This uncertainty was highlighted in the statement of basis and purpose language for the 2013 Regulation No. 32 Rulemaking Hearing at 32.52.K. To address this uncertainty, these segments were targeted for additional data collection where possible, and all new information collected for these segments was evaluated as part of this basin review.
- ii. Attainability: Following the commission's 2016 direction to consider attainability issues using a basin-by-basin approach, the division reviewed all available information to identify segments where attainability issues may exist based upon available instream temperature data and expected in-stream summer maximum weekly average temperatures (MWATs). Expected MWATs were determined using regression analysis of temperature and elevation and the NorWeST Stream Temperature Regional Database and Model. This screening found that many segments, or portions of segments, were not expected to attain the summer or winter chronic temperature standards. These waters were targeted for additional review, as were waters listed as impaired for temperature on the 2016 303(d) List.
- iii. Aquatic Life Use: For these selected segments, the division conducted a comprehensive, site-specific review of the existing use classification and temperature standards. Fishery data provided by Colorado Parks and Wildlife (CPW) was evaluated to identify fish species expected to occur, whether reproduction is expected (i.e., stocked, transient, or resident species), age class structures, and any other relevant information regarding aquatic life communities. For segments where little or no information on fish species expected to occur existed, fish population data from adjacent and representative water bodies was utilized when possible.
- iv. <u>Thermal Drivers</u>: In cases where temperature standards to protect the highest attainable use were determined, but the temperature standards were not attainable, site-specific factors that influence in-stream temperature were evaluated to identify any correctable anthropogenic thermal sources. All available data on temperature, hydrology, hydro-modification, canopy cover, groundwater influence, point and non-point thermal sources, and other relevant information was reviewed.

Based upon information regarding the species expected to occur, temperature data, physical habitat, land cover/use, groundwater inputs, flow conditions, and all other available information regarding thermal drivers, the commission adopted revisions of temperature standards for the segments listed below where water quality is not feasible to improve or where the thermal regime is the result of natural conditions, but is sufficient to protect the highest attainable use.

The following segments were changed from CS-I to CS-II:

[List to be completed following preliminary final action by the commission.]

The following segments were changed from CS-II to WS-II:

[List to be completed following preliminary final action by the commission.]

Adequate data or resources were not always available to support a revision of the use classification or a temperature standards change. In these cases, no change was proposed. It is the commission's intent that the division and interested parties work to resolve the uncertainty. There is uncertainty regarding the appropriate use classifications and temperature standards to protect the highest attainable use still exist for the following segments:

[List to be completed following preliminary final action by the commission.]

Moving forward with this site-specific approach, the commission encourages the division to consider whether any additional information would be appropriate to be included in the use attainability analyses.

L. Direct Use Water Supply Sub-classification

Also in the March 2012 rulemaking hearing, the commission adopted a sub-classification of the Domestic Water Supply Use called "Direct Use Water Supply Lakes and Reservoirs Sub-classification" (DUWS), in Regulation No. 31, at 31.13(1)(d)(i). This sub-classification is for Water Supply lakes and reservoirs where there is a plant intake location in the lake or reservoir or a man-made conveyance from the lake or reservoir that is used regularly to provide raw water directly to a water treatment plant that treats and disinfects raw water. The commission began to apply this sub-classification in 2013 and anticipated that it would take several basin reviews to evaluate all the reservoirs in the basin. The commission adopted the DUWS sub-classification on the following reservoirs and added "DUWS" to the classification column in the standards tables. The public water systems are listed along with the reservoirs and segments:

[List to be completed following preliminary final action by the commission.]

31.17(e)(ii) also allows the commission to adopt numeric nutrient standards for DUWS lakes and reservoirs. No proposals were made to adopt standards based on this provision in this rulemaking.

M. Other/Site-Specific Revisions

[To be completed following preliminary final action by the commission.]

N. Standards Corrections and Clarifications

- 1. **Duration of Nitrite Standard:** The commission corrected the duration of the nitrite standard from chronic to acute on all segments. When the commission adopted the new format for tables in 2016, all nitrite standards were incorrectly included in the "chronic" standards column.
- 2. Uranium: To improve the clarity of the regulation, the commission included references to the basin-wide uranium standards at 32.5(3) in the Appendix 32-1 tables. The commission included the chronic uranium Water Supply standard of 16.8-30 μg/L in the tables for all segments with a Water Supply use to clearly define the underlying standard necessary to protect the use. In addition, for all segments (with or without a Water Supply use), the commission included a reference to 32.5(3) to clarify that the basic standard at 32.5(3) applies to all waters in Regulation No. 32. Because these standards already applied basin-wide, there is no practical effect of this change.
- 3. Mercury: To improve the clarity of the regulation, the commission added Total Recoverable notation (T) to the mercury Aquatic Life and Water Supply standards. The standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water. Multiple forms of mercury exist in the environment and these forms differ dramatically in both their potential to cause toxic effects and their availability for uptake by organisms. Certain aquatic conditions can lead to the conversion to the highly bioaccumulative, toxic, organic form (methylmercury). The mercury standards are designed to provide protection from the

accumulation of those toxic forms and therefore, the standards address all forms of mercury. The addition of the Total Recoverable notation does not represent a change in current Colorado policy or procedures.

O. Correction of Typographical and Other Errors and Segmentation Clarification

The following edits were made to segment descriptions to improve clarity and correct typographical errors:

- The formatting of the tables in Appendix 32-1 was modified to include only parameters that have been adopted in a majority of segments. The tables include rows for physical and biological, inorganic and metals for all parameters which the commission commonly adopts into segments. In segments where there is no numeric standard for a commonly adopted parameter, a blank row for that parameter is included to show the commission's site-specific decision not to adopt a numeric standard for that parameter. The commission removed beryllium and aluminum from all segments where no standard has been adopted, because these parameters have only been adopted on a site-specific basis, rather than basin-wide.
- Upper Arkansas segments 2a and 13: The nutrient note was added to correct a previous omission.
- Upper Arkansas Segment 20b: Total phosphorus and chlorophyll standards and a nutrient note was added to correct a previous omission.
- The qualified discharger table at 32.5(4) was updated to accurately reflect the location of Monarch Mtn Lodge and Powder Monarch LLC on Upper Arkansas Segment 13.
- Existing site-specific temperature standards for Upper Arkansas segments 4, 14c, 20a, 20b, 30 and 35, Middle Arkansas segments 20 and 26, and Lower Arkansas Segment 1a were reformatted in the tables to provide clarity and consistency.
- Existing silver standards were updated to remove the trout qualifier on Lower Arkansas segments 10, 12 and 19, and Middle Arkansas segments 3, 9, 18a, 18b, 21 and 28.
- Fountain Creek Segment 5: Coordinates were added to the segment description.
- Lower Arkansas Segment 15: Commas were modified for clarity.
- Middle Arkansas Segment 5b and 6a: Coordinates were added to the diversion for clarity.
- Middle Arkansas Segment 18a: Punctuation was modified for clarity.
- Middle Arkansas Segment 26: Punctuation was modified for clarity.
- Upper Arkansas Segment 4a: Coordinates were added to the Highway 115 bridge.
- Upper Arkansas Segment 14a: Rush Creek was removed from the segment description, as this stream (source at 38.185078, -104.976083) is located in Middle Arkansas Segment 18b.
- Upper Arkansas Segment 15b: Coordinates were added to County Road 92.
- Upper Arkansas Segment 27 and 39: Coordinates were added to the mouth of Phantom Canyon.

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 06/30/201712/31/2018

COARUA01A	A Classifications	Physical and Biological			Metals (ug/L)			
Designation		,	DM	MWAT		acute	chronic	
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_		
	Recreation E		acute	chronic	Arsenic	340		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium			
Other:		pH	6.5 - 9.0		Cadmium	SSE*		
		chlorophyll a (mg/m²)		150	Cadmium	TVS(tr)	TVSSSE*	
	ute) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)			
	cute) = e^(0.9789*In(hardness)- 6672-(In(hardness)*0.041838))				Chromium III	<u>5.0</u> 	TVS	
Cadmium(ch	$\frac{1}{1}$ ronic) = $e^{(0.7977*ln(hardness)-1)}$	Inorgan	ic (mg/L)		Chromium III(T)	50		
<u>3.909)^(1.101</u>	672-(ln(hardness)*0.041838))	3.1	acute	chronic	Chromium VI	TVS	TVS	
		Ammonia	TVS	TVS	Copper	TVS	TVS	
		Boron		0.75	Iron		WS	
		Chloride		250				
		Chlorine	0.019	0.011	Iron(T)	 T) (0	1000	
		Cyanide	0.005		Lead (T)	TVS	TVS	
		Nitrate	10		Lead(T)	<u>50</u>	== TV0/M/0	
		Nitrite	<u>0.05</u> -	0.05 =	Manganese	TVS	TVS/WS	
		Phosphorus	<u>0.00</u>	0.11	Mercury(T)		0.01 (t)	
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>	
		Sulfide		0.002	Nickel	TVS	TVS	
		Suilide		0.002	Nickel(T)	=	<u>100</u>	
					Selenium	TVS	TVS	
					Silver	TVS	TVS(tr)	
					Uranium	varies*	16.8-30	
							<u> </u>	
					Zinc	TVS	TVS	
		River from its source to a point imme		onfluence wit	Zinc	TVS		
OARUA01E	3 Classifications	River from its source to a point immer	Biological		Zinc	TVS Metals (ug/L)	TVS	
COARUA01E Designation	Aq Life Cold 1	Physical and	Biological DM	MWAT	Zinc th Birdseye Gulch.	TVS		
OARUA01E Designation	3 Classifications Aq Life Cold 1 Recreation E		Biological DM CS-I	MWAT CS-I	Zinc h Birdseye Gulch. Aluminum	TVS Metals (ug/L) acute	chronic	
COARUA01E Designation Deviewable	Aq Life Cold 1	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Zinc th Birdseye Gulch. Aluminum Arsenic	Metals (ug/L) acute 340	chronic	
COARUA01E Designation Reviewable Qualifiers:	3 Classifications 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	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic	
COARUA01E Designation Reviewable Qualifiers:	3 Classifications 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	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02	
COARUA01E Designation Reviewable Qualifiers: Other:	3 Classifications 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	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chror	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	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	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS	
coaruante designation deviewable	Aq Life Cold 1 Recreation E Water Supply Modification(s):	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	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS	
coardante designation deviewable dualifiers: Other: demporary Marsenic(chror expiration Da	Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = 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	MWAT CS-I chronic 6.0 7.0 150	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 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 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS TVS	
coaruante designation deviewable designation deviewable designation deviewable designation deviewable designation deviewable deviewa	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS WS	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS WS 1000	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 250	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	TVS chronic 0.02 TVS	
coardante designation deviewable dualifiers: Other: demporary Marsenic(chror expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 250	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS	
coardante designation deviewable dualifiers: Other: demporary Marsenic(chror expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 250 0.011	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(+)	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 7.0 150 126 Chronic TVS 250 0.011	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS	
coardante designation deviewable dualifiers: Other: demporary Marsenic(chror expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 7.0 150 126 chronic TVS 250 0.011	Zinc h Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS WS 1000 TVS	
COARUA01E Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrorexpiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 250 0.011 0.05==	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(#)	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 10 (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 250 0.011 0.11	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS S TVS S 1000 TVS TVS/WS 0.01(#) 210 TVS	
COARUA01E Designation Reviewable Dualifiers: Other: Temporary Marsenic(chroric expiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 250 0.011 0.05==== 0.11 WS	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS SUS 1000 TVS TVS/WS 0.01(t) 210 TVS	
COARUA01E Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrorexpiration Da	Actifications Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid Attention 12/31/2021	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 250 0.011 0.05==== 0.11 WS	Zinc th Birdseye Gulch. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01(#) 210 TVS 1000 TVS	

tr = trout

D.O. = dissolved oxygen

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary Mo	odification(s):	chlorophyll a (mg/m²)		150 <u>*</u>	Cadmium(T)	<u>5.0</u>	=
rsenic(chroni	• •	E. Coli (per 100 mL)		126	Chromium III		TVS
•	e of 12/31/2021				Chromium III(T)	50	
·		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
	(mg/m ²)(chronic) = applies only above ted at 32.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus(dacilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Iron		WS
	e) = See 32.5(3) for details.	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	==
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160 150
		Phosphorus		0.11 <u>*</u>	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	100
		Sulfide		0.002	Selenium	TVS	TVS
		- Camac		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
b. Mainstem	of the Arkansas River from a point immed	diately above California Gulch t	o a point immediate	ely above the			TVS
	of the Arkansas River from a point immed	diately above California Gulch t		ely above the	e confluence with Lake For		TVS
OARUA02B	1	1		ely above the	e confluence with Lake For	rk.	
	Classifications	1	Biological		e confluence with Lake For	rk. Metals (ug/L)	
OARUA02B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	e confluence with Lake For	rk. Metals (ug/L)	
COARUA02B Designation Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	e confluence with Lake For	rk. Metals (ug/L) acute	chronic
COARUA02B Designation Reviewable*	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
COARUA02B Designation Reviewable*	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic
COARUA02B Designation Reviewable* Qualifiers:	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
coaruao2B Designation Reviewable* Qualifiers: Other: Designation:	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ute) = e^(0.9789*ln(hardness)-	Physical and 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 Arsenic(T) Beryllium Cadmium Cadmium	Metals (ug/L) acute 340	chronic
coarua02B Designation Reviewable* Qualifiers: Other: Designation: Cadmium(act. 866)*(1.1366 n(hardness)*	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ute) = e^(0.9789*ln(hardness)-	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 Arsenic(T) Beryllium Cadmium Cadmium Chromium III	rk. Metals (ug/L) acute 340 SSE*	chronic 7.6 SSE* TVS
COARUA02B Designation Reviewable* Qualifiers: Other: Designation: Cadein/(1.1366)*(1.1366)*(1.1366)*(1.666)*(1.666)*(1.666)*(1.666)*(1.666)*(1.6666	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply tte) = e/0.9789*In(hardness)- 672- 0.041838)*e/(0.9151*In(hardness)-	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 Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium III(T)	rk. Metals (ug/L) acute 340 SSE* TVS	chronic 7.6 SSE* TVS 100
coaruao2B Designation Reviewable* Dualifiers: Designation: Cadmium(acu.866)*(1.1366)n(hardness)* .6236)]) Cadmium(chr.n(hardness)*	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ute) = e^(0.9789*ln(hardness)-672-	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 itic (mg/L)	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI	rk. Metals (ug/L) acute 340 SSE* TVS TVS	chronic
coaruao2B Designation Reviewable* Dualifiers: Other: Designation: Cadmium(acu.866)*(1.1366 n(hardness)* .6236))) Cadmium(chr.n(hardness)* .1725)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]-	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) acute	MWAT CS-I chronic 6.0 7.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium III(T) Chromium VI Copper	rk. Metals (ug/L) acute 340 SSE* TVS TVS TVS	chronic 7.6 SSE* TVS 100 TVS TVS
COARUA02B Designation Reviewable* Rualifiers: Designation: Cadmium(acu.866)*(1.1366 n.6236))) Cadmium(chr n(hardness)* .1725) Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply Ite) = e^(0.9789*In(hardness)- 772- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details.	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 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	rk. Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS	chronic 7.6 SSE* TVS 100 TVS TVS 1000
coaru A02B designation deviewable* dualifiers: Designation: Cadmium(acu866)*(1.1366.n(hardness)*6236))) Cadmium(chr.n(hardness)*1725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	rk. Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS	chronic 7.6 SSE* TVS 100 TVS 1000 TVS
coaru A02B designation deviewable* dualifiers: Designation: Cadmium(acu866)*(1.1366.n(hardness)*6236))) Cadmium(chr.n(hardness)*1725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply Ite) = e^(0.9789*In(hardness)- 772- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178)	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 nic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	rk. Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6 SSE* TVS 100 TVS TVS 1000 TVS TVS
coardination: cesignation: ceviewable* cualifiers: c	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	rk. Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6 SSE* TVS 100 TVS 1000 TVS 1000 TVS 0.01(#)
coaru A02B designation deviewable* dualifiers: Designation: Cadmium(acu866)*(1.1366.n(hardness)*6236))) Cadmium(chr.n(hardness)*1725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	rk. Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 7.6 SSE* TVS 100 TVS 1000 TVS 1000 TVS 0.01(+)
coaru A02B designation deviewable* dualifiers: Designation: Cadmium(acu866)*(1.1366.n(hardness)*6236))) Cadmium(chr.n(hardness)*1725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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 CT CT CT TVS CT CT CT CT CT CT	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	rk. Metals (ug/L) acute 340 SSE* TVS	Chronic 7.6 SSE* TVS 100 TVS 1000 TVS TVS 0.01(t) 160150 TVS
coaru A02B designation deviewable* dualifiers: Designation: Cadmium(acu866)*(1.1366.n(hardness)*6236))) Cadmium(chr.n(hardness)*1725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725) Uranium(acut2725)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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 nic (mg/L) acute TVS 0.019 0.005 1000.05	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05==	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	rk. Metals (ug/L) acute 340 SSE* TVS	Chronic 7.6 SSE* TVS 1000 TVS 1000 TVS 0.01(#) 160150 TVS
COARUA02B Designation Reviewable* Dualifiers: Designation: Cadmium(acu.866)*(1.1366n(hardness)*.6236))) Cadmium(chr.n(hardness)*.1725) Uranium(acut Zinc(acute) = Zinc(chronic)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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 1.0 CS-I acute TVS 0.019 0.005 100 0.05 0	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	rk. Metals (ug/L) acute 340 SSE* TVS	Chronic 7.6 SSE* TVS 100 TVS 1000 TVS 1000 TVS 0.01(#)
coardination: cesignation: ceviewable* cualifiers: c	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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	MWAT CS-I chronic 6.0 7.0 126 Chronic TVS 0.75 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	rk. Metals (ug/L) acute 340 SSE* TVS	Chronic 7.6 SSE* TVS 1000 TVS 1000 TVS 0.01(t) 160150 TVS TVS TVS(tr)
oaruao2B esignation eviewable* ualifiers: ther: Designation: 2admium(acu 866)*(1.1366 n(hardness)* 6236))) Cadmium(chr n(hardness)* 1725) Jranium(acut Zinc(acute) = Zinc(chronic)	Classifications Agriculture Aq Life Cold 1 Recreation E 9/30/00 Base-line does not apply ate) = e^(0.9789*In(hardness)- 572- 0.041838)*e^(0.9151*In(hardness)- onic) = (1.101672- 0.041838])*e^(0.7998[In hardness]- e) = See 32.5(3) for details. 0.978*e^(0.8537[In(hardness)]+2.2178) =	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 1.0 CS-I acute TVS 0.019 0.005 100 0.05 0	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	rk. Metals (ug/L) acute 340 SSE* TVS	Chronic 7.6 SSE* TVS 1000 TVS 1000 TVS 0.01(#) 160150 TVS

tr = trout

2c. Mainstem	of the Arkansas River from a point immed	liately above the confluence with	the Lake Fork to	a point imm	ediately above the conflue	nce with Lake Creek		
COARUA02C	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		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium			
Other:		рН	6.5 - 9.0		Cadmium		SSE*	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Cadmium	SSE*		
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=	
Expiration Date	e of 12/31/2021				Chromium III		TVS	
*Designation:	0/20/00 Paga line daga not apply	Inorganic	(mg/L)		Chromium III(T)	50		
	9/30/00 Base-line does not apply ute) = e^(0.9789*ln(hardness)-		acute	chronic	Chromium VI	TVS	TVS	
3.866)*(1.1366	672-	Ammonia	TVS	TVS	Copper	TVS	TVS	
(in(nardness)*(3.6236)))	0.041838)*e^(0.9151*ln(hardness)-	Boron		0.75	Iron		WS	
	ronic) = (1.101672- 0.041838])*e^(0.7998[In hardness]-	Chloride		250	Iron(T)		1000	
3.1725)	0.041030]) e (0.7930[iii Haidhess]-	Chlorine	0.019	0.011	Lead	TVS	TVS	
*Uranium(acut	te) = See 32.5(3) for details.	Cyanide	0.005		Lead(T)	<u>50</u>	=	
, ,	0.978*e^(0.8537[ln(hardness)]+2.2178)	Nitrate	10		Manganese	TVS	TVS/WS	
*Zinc(chronic) 0.986*e^(0.853	= 37[In(hardness)]+2.0469)	Nitrite	<u>0.05</u> -	0.05=	Mercury(T)		0.01 (t)	
		Phosphorus			Molybdenum(T)		160 <u>150</u>	
		Sulfate		WS	Nickel	TVS	TVS	
		Sulfide		0.002	Nickel(T)	=	<u>100</u>	
					Selenium	TVS	TVS	
					Silver	TVS	TVS(tr)	
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜	
					Zinc		SSE*	
					Zinc	SSE*		

COARUA03	Classifications	Physical and	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		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVSSSE*	
Temporary M	odification(s):	chlorophyll a (mg/m²)			Cadmium	SSE*	=	
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=	
Expiration Dat	e of 12/31/2021				Chromium III		TVS	
Cadmium(acı	ute) = e^(0.9789*ln(hardness)-	Inorgan	ic (mg/L)		Chromium III(T)	50		
3.866)*(1.1366	672-(ln(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS	
	onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Ammonia	TVS	TVS	Copper	TVS	TVS	
	te) = See 32.5(3) for details.	Boron		0.75	Iron		WS	
		Chloride		250	Iron(T)		1000	
		Chlorine	0.019	0.011	Lead	TVS	TVS	
		Cyanide	0.005		Lead(T)	<u>50</u>	=	
		Nitrate	10		Manganese	TVS	TVS/WS	
		Nitrite	<u>0.05</u> -	0.05=	Mercury(II)		0.01 (t)	
		Phosphorus			Molybdenum(T)		160 <u>150</u>	
		Sulfate		WS	Nickel	TVS	TVS	
		Sulfide		0.002	Nickel(T)	=	<u>100</u>	
					Selenium	TVS	TVS	
					Silver	TVS	TVS(tr)	
					Uranium	<u>varies*</u>	<u>16.8-30</u>	
					Zinc	TVS	TVS	

4a. Mainstem	of the Arkansas River from the Cha		to a point imme				e east of Florence.	
COARUA04A	Classifications	Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-	CS-	Aluminum	_	_
	Recreation E	Temperature °C	4/1 - 10/31	24.8	22.1	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVSSSE*
Temporary Me	odification(s):	D.O. (spawning)			7.0	<u>Cadmium</u>	SSE*	=
Arsenic(chroni	· /	рН		6.5 - 9.0		Cadmium(T)	<u>5.0</u>	=
Expiration Dat	e of 12/31/2021	chlorophyll a (mg/m²)				Chromium III		TVS
*Cadmium(acu	ute) = e^(0.9789*In(hardness)-	E. Coli (per 100 mL)			126	Chromium III(T)	50	
3.866)*(1.1366	672-(ln(hardness)*0.041838))					Chromium VI	TVS	TVS
	onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))		Inorganic (mg/	/L)		Copper	TVS	TVS
	e) = See 32.5(3) for details.			acute	chronic	Iron		WS
*Temperature	≣ MWAT=CSII from 11/1-3/31	Ammonia		TVS	TVS	Iron(T)		1000
	MWAT=22.1 from 4/1-10/31	Boron			0.75	Lead	TVS	TVS
		Chloride			250	Lead(T)	<u>50</u>	=
		Chlorine		0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide		0.005		Mercury(II)		0.01 (t)
		Nitrate		10		Molybdenum(T)		160 <u>150</u>
		Nitrite		<u>0.05</u> -	0.05 =	Nickel	TVS	TVS
		Phosphorus				Nickel(T)	=	<u>100</u>
		Sulfate			WS	Selenium	TVS	TVS
		Sulfide			0.002	Silver	TVS	TVS(tr)
						Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
						Zinc	TVS	TVS

4b. Mainstem	of the Arkansas River from a poi	nt immediately above Highway 115 br					
COARUA04B	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium	_	_
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	c) = hybrid	Inorgani	Inorganic (mg/L)				TVS
Expiration Date	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
*I Ironium/ocut	a) - Saa 22 E/2) for dataila	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Uraniumţacui	e) = See 32.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> ⁻	0.5<u></u> =	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160<u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	<u>16.8-30</u> <u>A</u>
					Zinc	TVS	TVS

COARUA05COARUA05A 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVSSSE*
Temporary Modificat	tion(s):	chlorophyll a (mg/m²)		150*	<u>Cadmium</u>	SSE*	=
Arsenic(chronic) = hy	ybrid	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Expiration Date of 12	2/31/2021				Chromium III		TVS
*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).		Inorganic (mg/L)		Chromium III(T)	50		
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
	e^(0.9789*In(hardness)- (hardness)*0.041838))	Boron		0.75	Iron		WS
Cadmium(chronic) =	= e^(0.7977*In(hardness)-	Chloride		250	Iron(T)		1000
3.909)*(1.101672-(ln(hardness)*0.041838)) *Uranium(acute) = See 32.5(3) for details.		Chlorine	0.019	0.011	Lead	TVS	TVS
<u>Oranium(acute) = Se</u>	ee 32.5(3) for details.	Cyanide	0.005		Lead(T)	<u>50</u>	=
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	<u>0.05</u> -	0.05=	Mercury <u>(T)</u>		0.01 (t)
		Phosphorus		0.11*	Molybdenum(T)		160 <u>150</u>
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

5b. Mainstem of Trout Creek from its source to Trout Creek Reservoir, including all tributaries and wetlands.										
COARUA05B	Classifications	Physical and Biol	ogical			Metals (ug/L)				
<u>Designation</u>	<u>Agriculture</u>		DM	MWAT		<u>acute</u>	<u>chronic</u>			
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	<u>Aluminum</u>	=	=			
	Recreation E		<u>acute</u>	chronic	<u>Arsenic</u>	<u>340</u>	=			
	Water Supply	D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)	=	<u>0.02</u>			
Qualifiers:		D.O. (spawning)	=	<u>7.0</u>	<u>Beryllium</u>	=	=			
Other:		<u>pH</u>	<u>6.5 - 9.0</u>	= =	<u>Cadmium</u>	=	SSE*			
Temporary Mo	odification(s):	chlorophyll a (mg/m²)	=	<u>150*</u>	<u>Cadmium</u>	SSE*	=			
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)	=	<u>126</u>	Cadmium(T)	<u>5.0</u>	=			
Expiration Date	e of 12/31/2021				Chromium III	==	<u>TVS</u>			
*chlorophyll a	(mg/m ²)(chronic) = applies only above	Inorganic (mg/L)			Chromium III(T)	<u>50</u>	=			
the facilities lis	sted at 32.5(4).		acute	chronic	Chromium VI	<u>TVS</u>	<u>TVS</u>			
facilities listed	chronic) = applies only above the at 32.5(4).	<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	Copper	<u>TVS</u>	<u>TVS</u>			
	ute) = e^(0.9789*In(hardness)- 672-(In(hardness)*0.041838))	<u>Boron</u>	= [□]	<u>0.75</u>	<u>Iron</u>	=	<u>WS</u>			
*Cadmium(chr	$ronic) = e^{(0.7977*ln(hardness)-}$	Chloride	≡ ⁵	<u>250</u>	<u>Iron(T)</u>	=	<u>1000</u>			
	672-(In(hardness)*0.041838)) te) = See 32.5(3) for details.	Chlorine	<u>0.019</u>	<u>0.011</u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>			
<u> Uranium(acui</u>	<u>le) = See 32.3(3) for details.</u>	<u>Cyanide</u>	<u>0.005</u>	= ⁵	Lead(T)	<u>50</u>	=			
		<u>Nitrate</u>	<u>10</u>	==	<u>Manganese</u>	<u>TVS</u>	TVS/WS			
		<u>Nitrite</u>	<u>0.05</u>	= =	Mercury(T)	=	<u>0.01</u>			
		<u>Phosphorus</u>	= =	<u>0.11*</u>	Molybdenum(T)	=	<u>150</u>			
		Sulfate	= ⁵	<u>WS</u>	<u>Nickel</u>	<u>TVS</u>	<u>TVS</u>			
		Sulfide	= =	0.002	Nickel(T)	=	<u>100</u>			
					Selenium	<u>TVS</u>	TVS			
					Silver	<u>TVS</u>	TVS(tr)			
					<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u> ≜			
					<u>Zinc</u>	<u>TVS</u>	TVS			

Designation Agriculture Paceasion N Aluminum	acute 	chronic
National Part		
D.O. (mg/L)		
PH		
Chlorophyll a (mg/m²)		
E. Coli (per 100 mL)		
Inorganic (mg/L)		
Ammonia		
Ammonia		
Boron		
Chloride		
Chlorine		
Cyanide		
Cyanide		
Nitrate		
Nitrite		
Phosphorus		
Sulfate Sulf	varies*	
Sulfide		
Mainstem of Evans Gulch from the source to the confluence with the Arkansas River. COARUA07 Classifications Physical and Biological Metals		
Classifications Agriculture Aquife Cold 1 Temperature °C CS-I CS-I CS-I Aluminum Arsenic		
Designation	(ua/L)	
Temperature °C	acute	chronic
Recreation E Water Supply		_
Water Supply	340	
D.O. (spawning)		0.02
Dither: Dith		
Chlorophyll a (mg/m²)	TVS(tr)	TVSSSE*
E. Coli (per 100 mL)	SSE*	
Cadmium(acute) = e^(0.9789*In(hardness)- 1.866)*(1.136672-(In(hardness)*0.041838))	<u>5.0</u>	<u> </u>
Inorganic (mg/L) Chromium III(T)		₩
Cadmium(actule) = 8*(0.79.58 in(indiness)* Cadmium(chronic) = e^(0.79.77*in(hardness)* Cadmium(chronic) = e^(0.79.77*in(hardness)* Cadmium(chronic) = e^(0.79.77*in(hardness)* Copper	50	
Cadmium(chronic) = e^(0.7977*ln(hardness)-1.309)*(1.101672-(ln(hardness)*0.041838)) Uranium(acute) = See 32.5(3) for details. Boron 0.75 Iron Chloride 250 Iron(T) Chlorine 0.019 0.011 Lead Cyanide 0.005 Lead(T) Nitrate 10 Manganese Nitrite 0.05 - 0.05 = Mercury(T)	TVS	TVS
Boron	TVS	TVS
Chloride 250 Iron(T) Chlorine 0.019 0.011 Lead Cyanide 0.005 Lead(T) Nitrate 10 Manganese Nitrite 0.05 = Mercury(T)	173	WS
Chlorine 0.019 0.011 Lead Cyanide 0.005 Lead(T) Nitrate 10 Manganese Nitrite 0.05 = Mercury(T)		
Cyanide 0.005 Lead(T) Nitrate 10 Manganese Nitrite 0.05 0.05 Mercury(T)		1000
Nitrate 10 Manganese Nitrite 0.05 - 0.05	TVS	TVS
Nitrite <u>0.05</u> - <u>0.05</u> = Mercury(<u>T</u>)	<u>50</u>	T)/0/1/0
	TVS	TVS/WS
I.Phosphorus 0.11 I.Molyhdenim(T)		0.01 (t)
	TV0	160 <u>150</u>
Sulfate WS Nickel	TVS	TVS
Sulfide 0.002 <u>Nickel(T)</u>	==	<u>100</u>
Selenium	TVS	TVS
Silver	TVS	TVS(tr)
Uranium	varies*	<u>16.8-30</u>

tr = trout

8a. Mainstem	of Iowa Gulch from the source to the hi	storic upper ASARCO water supp	iy intake at 39.224	327, -106.22	23432.		
COARUA08A 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==
*Uranium(acut	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
8b. Mainstem	of Iowa Gulch from a point immediately	below the historic upper ASARCO	O water supply into	ake at 39.224			
the Paddock #	‡1 Ditch (lowa Ditch).	··		ake at 39.224		point immediately below	
the Paddock #	1 Ditch (Iowa Ditch). Classifications	below the historic upper ASARCO Physical and I	Biological			point immediately below	v the headgate of
the Paddock # COARUA08B Designation	t1 Ditch (Iowa Ditch). Classifications Agriculture	Physical and	Biological DM	MWAT	4327, -106.223432 to a p	point immediately below	
the Paddock #	t1 Ditch (Iowa Ditch). Classifications Agriculture Aq Life Cold 2	··	Biological DM CS-II	MWAT CS-II	4327, -106.223432 to a p	Metals (ug/L) acute	v the headgate of
the Paddock # COARUA08B Designation UP	t1 Ditch (Iowa Ditch). Classifications Agriculture	Physical and I	Biological DM CS-II acute	MWAT CS-II chronic	4327, -106.223432 to a p Aluminum Arsenic	point immediately below	v the headgate of chronic
the Paddock # COARUA08B Designation UP Qualifiers:	t1 Ditch (Iowa Ditch). Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and I Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute	v the headgate of chronic
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion	t1 Ditch (Iowa Ditch). 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 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 1007.6
the Paddock # COARUA08B Designation UP Qualifiers:	t1 Ditch (Iowa Ditch). Classifications Agriculture Aq Life Cold 2 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 SSE*	chronic 1007.6 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary Me	#1 Ditch (Iowa Ditch). Classifications Agriculture Aq Life Cold 2 Recreation E n Standards Apply odification(s):	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 Arsenic(T) Beryllium Cadmium Chromium III	Metals (ug/L) acute 340	chronic 1007.6 TVS TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chro	Agriculture Aq Life Cold 2 Recreation E n Standards Apply odification(s): onic) = 1.6	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 SSE* TVS	chronic 1007.6 TVS TVS 100
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary Mc Cadmium(chro	Aq Life Cold 2 Recreation E n Standards Apply odification(s): onic) = 1.6	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 Arsenic(T) Beryllium Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 SSE* TVS TVS	chronic 1007.6 TVS TVS 100 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary M. Cadmium(chro Zinc(acute) = 3 Zinc(chronic) =	Aq Life Cold 2 Recreation E n Standards Apply odification(s): pnic) = 1.6 754 = 505	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 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute 340 SSE* TVS TVS TVS	chronic 1007.6 TVS TVS 100 TVS TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrostatic carroller) Zinc(acute) = - Zinc(acute	Agriculture Aq Life Cold 2 Recreation E n Standards Apply odification(s): onic) = 1.6 754 = 505	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 c (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T)	Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS	chronic 1007.6 TVS TVS 100 TVS TVS 1000
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrostatic carroller) Zinc(acute) = - Zinc(acute	Aq Life Cold 2 Recreation E n Standards Apply odification(s): pnic) = 1.6 754 = 505	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-II acute 6.5 - 9.0 c (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS TVS	chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chro Zinc(acute) = - Zinc(acute) = - Expiration Dat *Cadmium(acute)	Agriculture Aq Life Cold 2 Recreation E n Standards Apply odification(s): onic) = 1.6 754 = 505 754 are of 12/31/2018 ute) = (1.136672-	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	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS TVS TVS	the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chro Zinc(acute) = - Zinc(acute) = - Expiration Dat *Cadmium(acute)	Aq Life Cold 2 Recreation E n Standards Apply odification(s): onic) = 1.6 754 = 505 754 te of 12/31/2018	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 c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	Metals (ug/L) acute 340 SSE* TVS TVS TVS TVS TVS TVS	v the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(4)
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E n Standards Apply odification(s): onic) = 1.6 754 = 505 754 are of 12/31/2018 ute) = (1.136672-	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 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 SSE* TVS	the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 1000 TVS 1000 TVS TVS 1000 TVS 10
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E Standards Apply odification(s): onic) = 1.6 754 = 505 764 te of 12/31/2018 ute) = (1.136672-0.041838]*e^(0.9789*ln(hardness)-	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 c (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 SSE* TVS	the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E Standards Apply odification(s): onic) = 1.6 754 = 505 764 te of 12/31/2018 ute) = (1.136672-0.041838]*e^(0.9789*ln(hardness)-	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	Biological DM 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 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (ug/L) acute 340 SSE* TVS	v the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 1000 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E Standards Apply odification(s): onic) = 1.6 754 = 505 764 te of 12/31/2018 ute) = (1.136672-0.041838]*e^(0.9789*ln(hardness)-	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	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 SSE* TVS	the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E Standards Apply odification(s): onic) = 1.6 754 = 505 764 te of 12/31/2018 ute) = (1.136672-0.041838]*e^(0.9789*ln(hardness)-	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-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 100	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (ug/L) acute 340 SSE* TVS	v the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 1000 TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E Standards Apply odification(s): onic) = 1.6 754 = 505 764 te of 12/31/2018 ute) = (1.136672-0.041838]*e^(0.9789*ln(hardness)-	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 c (mg/L) acute TVS 0.019 1000.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	Metals (ug/L) acute 340 SSE* TVS	v the headgate of chronic 1007.6 TVS TVS 100 TVS 1000 TVS TVS 0.01(t) 160150 TVS TVS TVS
the Paddock # COARUA08B Designation UP Qualifiers: Fish Ingestion Other: Temporary McCadmium(chrozinc(acute) = : Zinc(acute) = : Expiration Dat *Cadmium(act[In(hardness)*: 3.5146)	Agriculture Aq Life Cold 2 Recreation E Standards Apply odification(s): onic) = 1.6 754 = 505 764 te of 12/31/2018 ute) = (1.136672-0.041838]*e^(0.9789*ln(hardness)-	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-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 1000.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 SSE* TVS	the headgate of chronic 1007.6 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 0.01(t) 160150 TVS TVS TVS TVS TVS TVS

9. Mainstem of Iowa Gulch from a point immediately below the headgate of the Paddock #1 Ditch (Iowa Ditch) to the confluence with the Arkansas River.									
COARUA	A09 Classifications	Physical and Biological		Metals (ug/L)					
Designat	tion Agriculture		DM	MWAT		acute	chronic		
Reviewal	ble Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum				
	Recreation E		acute	chronic	Arsenic	340			
Qualifier	rs:	D.O. (mg/L)		6.0	Arsenic(T)		7.6		
Other:		D.O. (spawning)		7.0	Beryllium				
	(, ,) ((, , , , , , , , , , , , , , ,	рН	6.5 - 9.0		Cadmium	SSE*	TVS		
	m(acute) = (1.136672- ess)*0.041838]*e^(0.9789*In(hardness)-	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS		
3.5146)		E. Coli (per 100 mL)		126	Chromium III(T)		100		
*Uranium	n(acute) = See 32.5(3) for details.				Chromium VI	TVS	TVS		
		Inorganic	(mg/L)		Copper	TVS	TVS		
			acute	chronic	Iron(T)		1000		
		Ammonia	TVS	TVS	Lead	TVS	TVS		
		Boron		0.75	Manganese	TVS	TVS		
		Chloride			Mercury(T)		0.01 (t)		
		Chlorine	0.019	0.011	Molybdenum(T)		160 <u>150</u>		
		Cyanide	0.005		Nickel	TVS	TVS		
		Nitrate	100		Selenium	TVS	TVS		
		Nitrite	<u>0.05</u> -	0.05 =	Silver	TVS	TVS(tr)		
		Phosphorus		0.11	Uranium	varies*			
		Sulfate			Zinc	TVS	TVS		
		Sulfide		0.002					
10. Mains	stem of Lake Creek, including all tributaries a	nd wetlands, from the source to the	e confluence with	the Arkansa	as River, except for the	specific listing in segm	ent 11.		
COARUA	A10 Classifications	Physical and B	iological			Metals (ug/L)			
Designat	tion Agriculture		DM	MWAT		acute	chronic		
Reviewal	ble Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	_	_		
	Recreation E		acute	chronic	Arsenic	340			
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02		
Qualifier	rs:	D.O. (spawning)		7.0	Beryllium		_		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS		
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==		
*Uranium	n(acute) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS		
					Chromium III(T)	50			
		Inorganic	(mg/L)		Chromium VI	TVS	TVS		
			acute	chronic	Copper	14.6	10.6		
		Ammonia	TVS	TVS	Iron		WS		
		Boron		0.75	Iron(T)		1000		
		Chloride		250	Lead	TVS	TVS		
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=		
		Cyanide	0.005		Manganese	TVS	TVS/WS		
		Nitrate	10		Mercury(T)		0.01 (t)		
		Nitrite	<u>0.05</u> ⁻	0.05=	Molybdenum(T)		160 <u>150</u>		
		Phosphorus		0.11	Nickel	TVS	TVS		
		Sulfate		WS	Nickel(T)	=	<u>100</u>		
		Sulfide		0.002	Selenium	TVS	TVS		
					Silver	TVS	TVS(tr)		
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜		
					Zinc	TVS	TVS		
		Ī							

	of South Fork of Lake Creek, including	g all tributaries and wetlands, fror	m the source to the	confluence	with Lake Creek.		
COARUA11	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	750	
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium		
*0	.t-) - A(0.0700*l(ll)	pH	5.0-9.0		Cadmium	TVS(tr)	TVSSSE*
	ute) = e^(0.9789*In(hardness)- 672-(In(hardness)*0.041838))	chlorophyll a (mg/m²)		150	<u>Cadmium</u>	SSE*	=
	onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	e) = See 32.5(3) for details.				Chromium III(T)		100
•		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Mercury(T)		0.01 (t)
		Cyanide	0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate	100		Nickel	TVS	TVS
		Nitrite	<u>0.05</u> -	0.05 =	Selenium	TVS	TVS
		Phosphorus		0.11	Silver	TVS	TVS(tr)
		Sulfate			Uranium	<u>varies*</u>	
		Sulfide		0.002	Zinc	TVS	TVS
12a. Mainstem	of Chalk Creek from the source to the	e confluence with the Arkansas F	River.		1		
COARUA12A	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVSSSE*
Temporary Mo	ndification(s):	chlorophyll a (mg/m²)					
Tomporary wie	bambation(b).			150*	<u>Cadmium</u>	SSE*	=
Arsenic(chronic	c) = hybrid	E. Coli (per 100 mL)		150* 126	Cadmium Cadmium(T)	<u>SSE*</u> <u>5.0</u>	
Arsenic(chronic Expiration Date	c) = hybrid e of 12/31/2021	E. Coli (per 100 mL)					=== === TVS
Expiration Date	e of 12/31/2021	la accesa di			Cadmium(T)		=
*chlorophyll a (the facilities list	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4).	la accesa di			Cadmium(T) Chromium III	<u>5.0</u> 	=
*chlorophyll a (the facilities list *Phosphorus(c	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the	la accesa di	 ic (mg/L)	126	Cadmium(T) Chromium III Chromium III(T)	<u>5.0</u> 50	TVS
*chlorophyll a (the facilities list *Phosphorus(c facilities listed a *Cadmium(acu	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). at 32.5(4). at 32.5(4). at 92.5(4).	Inorgani	 ic (mg/L) acute	126	Cadmium(T) Chromium III Chromium III(T) Chromium VI	5.0 50 TVS	TVS TVS
Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a *Cadmium(acu 3.866)*(1.1366	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). te) = e^0(0.9789*In(hardness)-672-(In(hardness)*0.041838)).	Inorgani Ammonia	 ic (mg/L) acute TVS	126 chronic TVS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	5.0 50 TVS TVS	TVS TVS TVS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Inorgani Ammonia Boron	c (mg/L) acute TVS	chronic TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0 50 TVS TVS	TVS TVS TVS WS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). at 32.5(4). at 32.5(4). at 22.(1n(hardness)*0.041838)) onic) = e^{(0.7977*ln(hardness)-10.041838)}	Ammonia Boron Chloride Chlorine	 acute TVS 	126 chronic TVS 0.75 250	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	5.0 50 TVS TVS TVS	TVS TVS TVS WS 1000 TVS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Ammonia Boron Chloride	sic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	5.0 50 TVS TVS 	TVS TVS TVS WS 1000
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	5.0 50 TVS TVS TVS 50	TVS TVS TVS WS 1000 TVS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Ammonia Boron Chloride Chlorine Cyanide Nitrate	sic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	5.0 50 TVS TVS TVS 50 TVS	TVS TVS TVS WS 1000 TVS TVSWS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	sic (mg/L) acute TVS 0.019 0.005 100.05	126 chronic TVS 0.75 250 0.011 0.05 = 0.11*	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	5.0 50 TVS TVS TVS 50 TVS	TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 100.05	126 chronic TVS 0.75 250 0.011 0.05= = 0.11* WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	5.0 50 TVS TVS TVS 50 TVS TVS	TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tte) = e^(0.9789*In(hardness)- 572-(In(hardness)*0.041838)) onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005 100.05	126 chronic TVS 0.75 250 0.011 0.05 = 0.11*	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tet = e = \(^0.9789^* \) \(^0.041838)\) onic) = e \(^0.7977^* \) \(^0.041838)\) onic) = e \(^0.7977^* \) \(^0.041838)\) 672-(\(^0.041838)\)	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 100.05	126 chronic TVS 0.75 250 0.011 0.05= = 0.11* WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS 1000 TVS
Expiration Date *chlorophyll a (the facilities lists *Phosphorus(c facilities listed: *Cadmium(acu 3.866)*(1.1366 *Cadmium(chro 3.909)*(1.1016	e of 12/31/2021 (mg/m²)(chronic) = applies only above ted at 32.5(4). chronic) = applies only above the at 32.5(4). tet = e = \(^0.9789^* \) \(^0.041838)\) onic) = e \(^0.7977^* \) \(^0.041838)\) onic) = e \(^0.7977^* \) \(^0.041838)\) 672-(\(^0.041838)\)	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 100.05	126 chronic TVS 0.75 250 0.011 0.05= = 0.11* WS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS

12b. Mainstem of Cottonwood Creek (Chaffee County), from the source to the confluence with the Arkansas River; South Fork of the Arkansas, including all tributaries and wetlands, from the National Forest boundary to the confluence with the Arkansas River.

COARUA12B	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
	()	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m²)(chronic) – applies only above	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
the facilities lis	ited at 32.5(4).		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
COARUA12B Classifications Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021 *chlorophyll a (mg/m²)(chronic) = applies or the facilities listed at 32.5(4).	* *	Boron		0.75	Iron(T)		1000
Designation Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021 *chlorophyll a (mg/m²)(chronic) = applies only the facilities listed at 32.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 32.5(4).		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS

13. All tributaries to the Arkansas River, including wetlands, which are on National Forest lands, from the confluence with Brown's Creek to the inlet to Pueblo Reservoir, except for specific listings in segments 12b, 14a, 14c and 15-27.

COARUA13	Classifications	Physical and Biol	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150 <u>*</u>	Cadmium(T)	<u>5.0</u>	=
Arsenic(chron	` '	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (n	ng/L)		Chromium VI	TVS	TVS
the facilities lis	sted at 32.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus(d facilities listed	chronic) = applies only above the at 32.5(4).	Ammonia	TVS	TVS	Iron		WS
*Uranium(acu	te) = See 32.5(3) for details.	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05<u></u> =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

DOUBLE Content Conte	П	14a. Mainstem of Big Red Creek, Little Red Creek, a	and Rush Creek and Hardscrabble Cre	ek from their	sources to th	neir confluence with the Arka	nsas River.	
Consideration Consideratio	•	COARUA14A Classifications	Physical and Biolo	gical		Me	etals (ug/L)	
Recreation E		Designation Agriculture		DM	MWAT		acute	chronic
Do. (ingst.)	1	Reviewable Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
Coloration Designation D	ļ	Recreation E		acute	chronic	Arsenic	340	
Other: PM	1	Qualifiers:	D.O. (mg/L)		6.0	Arsenic(T)		100 <u>7.6</u>
Chicago Sec. Sec. Chicago		Fish Ingestion Standards Apply	D.O. (spawning)		7.0	Beryllium		
Librarium(acute) = Sees 32.5(3) for details.]	Other:	рН	6.5 - 9.0		Cadmium	TVS	TVS
			chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		*Uranium(acute) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III(T)		100
Ammonia TVS TVS Lead TVS TVS	l					Chromium VI	TVS	TVS
Ammonia TVS TVS Lead TVS TVS			Inorganic (mg	g/L)		Copper	TVS	TVS
Boron				acute	chronic	Iron(T)		1000
Chloride			Ammonia	TVS	TVS	Lead	TVS	TVS
Chlorine			Boron		0.75	Manganese	TVS	TVS
Cyanide	ı		Chloride			Mercury(T)		0.01 (t)
Cyanide				0.019	0.011			**
Nitrate 100							TVS	
Phosphorus			•			Selenium	TVS	TVS
Phosphorus	ı				0.5 =	Silver	TVS	TVS
Sulfate Sulf					_			
Sulfide			·			Zinc		TVS
Tab. All tributaries to the Arkansas River, including wetlands, which are not on National Forest lands, from the confluence with Brown's Creek to the Chaffee/Fremont County line, except for the specific listing in segment 12b. COARUA14B Classiffcations								
Except for the specific listing in segment 12b. COARUA14B Classifications Physical and Biological DM MWAT Acute Chronic		14b All tributaries to the Arkansas River, including y				Lence with Brown's Creek to t	the Chaffee/Fremon	t County line
Designation				,				
Reviewable Recreation E Water Supply D.O. (mg/L.)								
Recreation E Water Supply		COARUA14B Classifications	Physical and Biolo	gical		M	etals (ug/L)	
Water Supply		Designation Agriculture	Physical and Biolo	•	MWAT	M		chronic
Qualifiers: D.O. (spawning) 7.0 Beryllium .		Designation Agriculture Aq Life Cold 2		DM				chronic
Water + Fish Standards Apply DH 6.5 - 9.0 Cadmium TVS(tr) TVS		Designation Agriculture Reviewable Aq Life Cold 2 Recreation E		DM CS-II	CS-II	Aluminum	acute	-
Other: chlorophyll a (mg/m²) 150 Cadmium(T) 5.0 Temporary Modification(s): E. Coli (per 100 mL) 126 Chromium III TVS Arsenic(chronic) = hybrid Expiration Date of 12/31/2021 Inorganic (mg/L) Chromium VI TVS TVS TVS *Uranium(acute) = See 32.5(3) for details. acute chronic chronic Copper TVS TVS Boron 0.75 Iron(T) 1000 Chloride 250 Lead TVS TVS Chlorine 0.019 0.011 Lead(T) 50 Cyanide 0.005 Manganese TVS TVS/WS Nitrate 10 Mercury(T) 0.01(t) Nitrite -0.05 - 0.05 Molybdenum(T) 160150 Phosphorus 0.002 Selenium TVS TVS Sulfide		Designation Reviewable Aq Life Cold 2 Recreation E Water Supply	Temperature °C	DM CS-II acute	CS-II chronic	Aluminum Arsenic	acute 340	
Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021 Inorganic (mg/L) Chromium III TVS TVS **Uranium(acute) = See 32.5(3) for details.** **Image: Property Modification(s): **Uranium(acute) = See 32.5(3) for details.** **Image: Property Modification(s): **Image: Property Modification(s		Designation Agriculture Aq Life Cold 2 Recreation E Water Supply Qualifiers:	Temperature °C D.O. (mg/L)	DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	acute 340 	 0.02
Arsenic(chronic) = hybrid Expiration Date of 12/31/2021 Inorganic (mg/L) Chromium VI TVS TVS *Uranium(acute) = See 32.5(3) for details. Ammonia TVS TVS Iron WS Boron 0.75 Iron(T) 1000 Chloride 250 Lead TVS TVS Chlorine 0.019 0.011 Lead(T) 50 Cyanide 0.005 Manganese TVS TVS/WS Nitrate 10 Mercury(T) 0.01(t) Nitrite 0.05 0.05 Molybdenum(T) 160150 Phosphorus 0.11 Nickel TVS TVS Sulfate WS Nickel(T) 1000		Designation Agriculture Aq Life Cold 2 Recreation E Water Supply Qualifiers:	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute	CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute 340 	 0.02
Chromium VI TVS TVS		Designation Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply	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 Arsenic(T) Beryllium Cadmium	acute 340 TVS(tr)	 0.02 TVS
*Uranium(acute) = See 32.5(3) for details.		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other:	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 TVS(tr) 5.0	 0.02 TVS
Ammonia TVS TVS Iron WS		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(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 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340 TVS(tr) 5.0	 0.02 TVS == TVS
Ammonia TVS TVS Iron WS Boron 0.75 Iron(T) 1000 Chloride 250 Lead TVS TVS Chlorine 0.019 0.011 Lead(T) 50 Cyanide 0.005 Manganese TVS TVS/WS Nitrate 10 Mercury(T) 0.01(t) Nitrite 0.05 0.05 Molybdenum(T) 160150 Phosphorus 0.11 Nickel TVS TVS Sulfate WS Nickel(T) 100 Sulfide WS Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 A		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = 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 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50	
Chloride 250 Lead TVS TVS Chlorine 0.019 0.011 Lead(T) 50 Cyanide 0.005 Manganese TVS TVS/WS Nitrate 10 Mercury(T) 0.01(t) Nitrite 0.05 Molybdenum(T) 160150 Phosphorus 0.11 Nickel TVS TVS Sulfate WS Nickel(T) 100 Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 Δ		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date 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-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS
Chlorine 0.019 0.011 Lead(T) 50 == Cyanide 0.005 Manganese TVS TVS/WS Nitrate 10 Mercury(T) 0.01(t) Nitrite 0.05		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg	DM	CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS	
Cyanide 0.005 Manganese TVS TVS/WS Nitrate 10 Mercury[T] 0.01(t) Nitrite 0.05 Molybdenum(T) 160150 Phosphorus 0.11 Nickel TVS TVS Sulfate WS Nickel(T) 100 Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 △		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg	DM CS-II acute 6.5 - 9.0 2/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS	
Nitrate 10 Mercury(T) 0.01(t) Nitrite 0.05 - 0.05 Molybdenum(T) 160150 Phosphorus 0.11 Nickel TVS TVS Sulfate WS Nickel(T) 100 Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 ≜		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg	DM CS-II acute 6.5 - 9.0 2/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS	
Nitrite 0.05		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride	DM CS-II acute 6.5 - 9.0 g/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
Phosphorus 0.11 Nickel TVS TVS Sulfate WS Nickel(T) 100 Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 △		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine	DM CS-II acute 6.5 - 9.0 g/L) acute TVS 0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50	0.02 TVS TVS TVS WS 1000 TVS
Sulfate WS Nickel(T) == 100 Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 ≜		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	
Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 ≜		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) Uranium varies* 16.8-30 ≜		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 CJL) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVSWS 0.01(t) 460150
Uranium <u>varies*</u> <u>16.8-30</u> ≜		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05=== 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS(tr) 5_0 50 TVS TVS TVS 5_0 TVS TVS TVS 5_0 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS
Uranium <u>varies*</u> <u>16.8-30</u> ≜		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10 0.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5_0 50 TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 460150 TVS
		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10 0.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS SUS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS
		Designation Reviewable Reviewable Aq Life Cold 2 Recreation E Water Supply Qualifiers: Water + Fish Standards Apply Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mg Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 10 0.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 460150 TVS 1000 TVS TVS TVS/WS 1000 TVS TVS/WS 1000 TVS TVS/WS 1000 TVS TVS/TVS/TVS

14c Mainster	ns of North and South Hardscrabble							
	Classifications		cal and Biologi	•	eli sources to	their confidences.	Metals (ug/L)	
Designation	Agriculture	1,		DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	10/31 - 5/31	CS-	CS-	Aluminum		
	Recreation E	Temperature °C	6/30 - 9/30	22.1	17	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:	1			acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
		D.O. (spawning)			7.0	Cadmium(T)	5.0	=
*Uranium(acut	te) = See 32.5(3) for details.	рН		6.5 - 9.0		Chromium III		TVS
*Temperature DM=CSI and I	<u>≡</u> MWAT=CSI from 11/1-5/31	chlorophyll a (mg/m²)			150	Chromium III(T)	50	
	MWAT=17 from 6/1-10/31	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
			Inorganic (mg/l)		Iron		WS
			morgamo (mg/	acute	chronic	Iron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	<u>50</u>	
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	-		0.01 (t)
						Mercury(T)		
		Cyanide		0.005		Molybdenum(T)	TVS	160<u>150</u> TVS
		Nitrate		10	0.05	Nickel Nickel(T)		
		Nitrite		<u>0.05</u> ⁻	0.05====	Nickel(T)	≡	<u>100</u>
		Phosphorus			0.11	Selenium	TVS TVS	TVS
						Silver	1 1/5	TVS(tr)
		Sulfate			WS			
		Sulfate Sulfide			0.002	Uranium Zinc	<u>varies*</u> TVS	<u>16.8-30</u> A
for specific list	aries to the Arkansas River, includin ings in segments 14a, 14c <u>. 14e</u> and	Sulfide g wetlands, which are not constants.		 st lands, fro	0.002	Uranium Zinc	varies* TVS e to the inlet to Pueblo Re	<u>16.8-30</u> ≜ TVS
for specific list	ings in segments 14a, 14c <u>. 14e</u> and Classifications	Sulfide g wetlands, which are not constants.	on National Fore	 st lands, fro	0.002 om the Chaffe	Uranium Zinc	varies* TVS e to the inlet to Pueblo Re Metals (ug/L)	TVS Servoir, except
for specific list COARUA14D Designation	ings in segments 14a, 14c <u>. 14e</u> and Classifications Agriculture	Sulfide g wetlands, which are not of 15-27. Physi		 st lands, fro cal DM	0.002	Uranium Zinc e/Fremont County line	varies* TVS e to the inlet to Pueblo Re	<u>16.8-30</u> ≜ TVS
for specific list COARUA14D Designation	ings in segments 14a, 14c <u>, 14e</u> and Classifications Agriculture Aq Life Cold Warm 2	Sulfide g wetlands, which are not constants.		st lands, fro cal DM CSWS-II	0.002 om the Chaffe MWAT CSWS-	Uranium Zinc e/Fremont County line	varies* TVS e to the inlet to Pueblo Re Metals (ug/L)	16.8-30 ≜ TVS TVS servoir, except chronic
for specific list COARUA14D Designation Reviewable	ings in segments 14a, 14c <u>. 14e</u> and Classifications Agriculture	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C		 st lands, fro cal DM	0.002 m the Chaffe MWAT CSWS- chronic	Uranium Zinc e/Fremont County line Aluminum Arsenic(T)	varies* TVS e to the inlet to Pueblo Re Metals (ug/L)	TVS Servoir, except
for specific list COARUA14D Designation Reviewable Qualifiers:	ings in segments 14a, 14c <u>. 14e</u> and Classifications Agriculture Aq Life Cold Warm 2 Recreation E	g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L)		st lands, fro cal DM CSWS-II	om the Chaffe MWAT CSWS- chronic 6.0	Uranium Zinc ee/Fremont County line Aluminum Arsenic(T) Beryllium(T)	varies* TVS Tvs to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS Servoir, except chronic 1007.6 100
for specific list COARUA14D Designation Reviewable Qualifiers:	ings in segments 14a, 14c <u>, 14e</u> and Classifications Agriculture Aq Life Cold Warm 2	g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning)		st lands, fro	0.002 m the Chaffe MWAT CSWS- chronic	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T)	varies* TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS Servoir, except chronic 1007.6
for specific list COARUA14D Designation Reviewable Qualifiers:	ings in segments 14a, 14c <u>. 14e</u> and Classifications Agriculture Aq Life Cold Warm 2 Recreation E	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH		st lands, fro	MWAT CSWS- chronic 6.0 7.0	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 ≜ TVS TVS servoir, except chronic 1007.6 100 10 100
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestion Other:	ings in segments 14a, 14c <u>, 14e</u> and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)		st lands, fro	om the Chaffe MWAT CSWS- chronic 6.0 7.0	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T)	varies* TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 10
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestion Other: *chlorophyll a above the faci	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold-Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4).	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH		st lands, fro	MWAT CSWS- chronic 6.0 7.0	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 ≜ TVS TVS servoir, except chronic 1007.6 100 10 100
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestion Other: *chlorophyll a above the faci	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold-Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)		cal DM CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0 150*	Uranium Zinc ee/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS Servoir, except chronic 1007.6 100 10 100 100
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold-Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		cal DM CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0 150*	Uranium Zinc ee/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS Servoir, except chronic 1007.6 100 10 100 100
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biologi	cal DM CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0 150*	e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese	varies* TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 100 200
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	Sulfide g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biologi	st lands, fro	0.002 m the Chaffe MWAT CSWS- 1 chronic 6.0 7.0 150* 126	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T)	varies* TVS a to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 ≜ TVS TVS servoir, except chronic 1007.6 100 100 200 100
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biologi	st lands, fro	om the Chaffe MWAT CSWS- chronic 6.0 7.0 150* 126	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 100 200 100 1460150
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 115-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia	cal and Biologi	st lands, fro cal DM CSWS-II acute 6.5 - 9.0 acute	0.002 m the Chaffe MWAT GSWS- 1 chronic 6.0 7.0 150* 126 chronic	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 100 200 100 100
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	cal and Biologi	cal DM CSWS-II acute 6.5 - 9.0 acute	0.002 m the Chaffe MWAT CSWS- 1 chronic 6.0 7.0 150* 126 chronic 0.75	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T)	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 100 200 100 1460150
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	cal and Biologi	st lands, fro cal DM CSWS-II acute 6.5 - 9.0 acute	0.002 m the Chaffe MWAT CSWS- 1 chronic 6.0 7.0 150* 126 chronic 0.75	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T)	varies* TVS a to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 ≜ TVS TVS servoir, except chronic 1007.6 100 100 200 100 100 100 200 200 200
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 15-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	cal and Biologi	st lands, fro	0.002 m the Chaffe MWAT CSWS- chronic 6.0 7.0 150* 126 chronic 0.75	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	varies* TVS a to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 ≜ TVS TVS servoir, except chronic 1007.6 100 100 200 100 100 200 200 200 200 200 200
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 115-27. Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	cal and Biologi	st lands, fro cal DM CSW/S-II acute 6.5 - 9.0 0.2	0.002 m the Chaffe MWAT CSWS- 1 chronic 6.0 7.0 150* 126 chronic 0.75	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T) Silver	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 100 100 100 200 100 100 200 200 200 20
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 15-27. Physi 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	cal and Biologi	cal DM CSWS-II acute 6.5 - 9.0 1) acute 0.2 100	0.002 m the Chaffe MWAT CSWS- 1 chronic 6.0 7.0 150* 126 chronic 0.75	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T) Silver Uranium	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 100 200 100 160150 200 20
for specific list COARUA14D Designation Reviewable Qualifiers: Fish Ingestio Other: *chlorophyll a above the faci *Phosphorus(context) facilities listed	ings in segments 14a, 14c, 14e and Classifications Agriculture Aq Life Cold Warm 2 Recreation E n Standards Apply (mg/m²)(chronic) = applies only lities listed at 32.5(4). chronic) = applies only above the at 32.5(4).	g wetlands, which are not of 115-27. Physi 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	cal and Biologi	cal DM CSWS-II acute 6.5 - 9.0 0.2 10010	0.002 m the Chaffe MWAT CSWS- 11 chronic 6.0 7.0 150* 126 chronic 1.75	Uranium Zinc e/Fremont County line Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T) Silver Uranium	varies* TVS TVS e to the inlet to Pueblo Re Metals (ug/L) acute	16.8-30 A TVS TVS servoir, except chronic 1007.6 100 100 200 100 160150 200 20

14e. Mainstems of Grape Creek, Fernleaf Creek, W	est Creek, Adobe Creek, Chandler	Creek, Cherry C	reek, East G	ulch, Mineral and Oak (Creek including all tribu	taries and
wetlands.				1		
COARUA14E Classifications	Physical and B	<u>iological</u>			Metals (ug/L)	
<u>Designation</u> <u>Agriculture</u>		<u>DM</u>	MWAT		<u>acute</u>	<u>chronic</u>
Reviewable Aq Life Cold 1	Temperature °C	<u>CS-II</u>	CS-II	<u>Arsenic</u>	<u>340</u>	=
Recreation E		<u>acute</u>	chronic	Arsenic(T)	=	<u>7.6</u>
Qualifiers:	<u>D.O. (mg/L)</u>	=	<u>6.0</u>	<u>Cadmium</u>	TVS(tr)	<u>TVS</u>
Other:	D.O. (spawning)	<u>=</u>	<u>7.0</u>	Cadmium(T)	=	<u>10</u>
	<u>H</u>	<u>5.0- 9.0</u>	= *	Chromium III	<u>TVS</u>	<u>TVS</u>
chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 32.5(4).	chlorophyll a (mg/m²)	=	<u>150</u>	Chromium III(T)	=	<u>100</u>
*Phosphorus(chronic) = applies only above the	E. Coli (per 100 mL)	=	<u>126</u>	Chromium VI(T)	<u>TVS</u>	<u>TVS</u>
facilities listed at 32.5(4). *Uranium(acute) = See 32.5(3) for details.				Copper	<u>TVS</u>	<u>TVS</u>
	<u>Inorganic</u>	(mg/L)		<u>Iron(T)</u>	=	<u>1000</u>
		<u>acute</u>	chronic	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
	<u>Ammonia</u>	<u>TVS</u> =	<u>TVS</u> =	<u>Manganese</u>	<u>TVS</u>	<u>TVS</u>
	<u>Boron</u>	== *	<u>0.75</u>	Mercury(T)	=	<u>0.01</u>
	<u>Chloride</u>	≡ ⁼	==	Molybdenum(T)	=	<u>150</u>
	<u>Chlorine</u>	<u>0.019</u> =	<u>0.019</u> =	Nickel	<u>TVS</u>	<u>TVS</u>
	<u>Cyanide</u>	<u>0.005</u>	= *	<u>Selenium</u>	<u>TVS</u>	<u>TVS</u>
	<u>Nitrate</u>	<u>100</u>	= =	Silver	<u>TVS</u>	TVS(tr)
	<u>Nitrite</u>	<u>0.05</u>	= *	<u>Uranium</u>	<u>varies*</u>	=
	<u>Phosphorus</u>	= -	<u>0.11*</u>	<u>Zinc</u>	<u>TVS</u>	<u>TVS</u>
	<u>Sulfate</u>	= =	= *			
	<u>Sulfide</u>	≡ *	<u>0.002</u> =			

15a. Mainstem of Badger Creek including all tributarie	s and wetlands Mainstem of Tayas	Creek including	all tributari	es and wetlands which a	ere not on forest service	land
COARUA15A Classifications	Physical and Biol		all tributari	es and wettands which a	Metals (ug/L)	iaiu.
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 1	Temperature °C	CS-II	CS-II	<u>Aluminum</u>	=	=
Recreation E		acute	chronic	Arsenic	<u>340</u>	==
Water Supply	D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)	=	0.02
Qualifiers:	D.O. (spawning)	=	<u>7.0</u>	<u>Beryllium</u>	=	=
Other:	<u>pH</u>	<u>6.5 - 9.0</u>	= =	Cadmium	TVS(tr)	TVS
Temporary Modification(s):	chlorophyll a (mg/m²)	=	<u>150</u>	Cadmium(T)	<u>5.0</u>	==
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)	=	<u>126</u>	Chromium III	=	<u>TVS</u>
Expiration Date of 12/31/2021				Chromium III(T)	<u>50</u>	==
*Uranium(acute) = See 32.5(3) for details.	Inorganic (m	ng/L)		Chromium VI	<u>TVS</u>	<u>TVS</u>
<u>Oranium(acute) = See 32.5(3) for details.</u>		acute	chronic	Copper	<u>TVS</u>	<u>TVS</u>
	<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Iron</u>	=	<u>WS</u>
	<u>Boron</u>	==*	0.75	Iron(T)	=	<u>1000</u>
	<u>Chloride</u>	= ⁵	<u>250</u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
	<u>Chlorine</u>	<u>0.019</u>	<u>0.011</u>	Lead(T)	<u>50</u>	=
	<u>Cyanide</u>	<u>0.005</u>	= *	<u>Manganese</u>	<u>TVS</u>	TVS/WS
	<u>Nitrate</u>	<u>10</u>	==	Mercury(T)	=	<u>0.01</u>
	<u>Nitrite</u>	<u>0.05</u>	= =	Molybdenum(T)	=	<u>150</u>
	<u>Phosphorus</u>	= [□]	<u>0.11</u>	<u>Nickel</u>	<u>TVS</u>	<u>TVS</u>
	<u>Sulfate</u>	≡ ⁵	<u>ws</u>	Nickel(T)	=	<u>100</u>
	<u>Sulfide</u>	= *	0.002	<u>Selenium</u>	<u>TVS</u>	<u>TVS</u>
				Silver	<u>TVS</u>	TVS(tr)
				<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u> ≜
				<u>Zinc</u>	<u>TVS</u>	<u>TVS</u>

4515b. 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.

Tributaries and wetlands to Texas Creek which are on Forest Service Land. Mainstem of Newlin Creek from the National Forest boundary to the City of Florence water diversion. County Road 92 (38.300765, -105.140927).

COARUA15COARUA15B	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	_
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Modification(s)	:	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chronic) = hybrid		E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/20)21				Chromium III(T)	50	
*Uranium(acute) = See 32.	E/2) for details	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Oranium(acute) = See 32.	5(5) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05===	Molybdenum(T)		160<u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		_
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Uranium(acu	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

16b. Mainstem of North Tallahassee Creek, South Tallahassee Creek, Middle Tallahassee Creek, and Tallahassee Creek from their sources to a point immediately below their confluence with South Tallahassee Creek, except for the specific listing in segment 16a COARUA16B Classifications **Physical and Biological** Metals (ug/L) MWAT Designation Agriculture DM chronic acute Reviewable Aq Life Cold 2 Temperature °C CS-II CS-II Aluminum Recreation E chronic acute Arsenic 340 Water Supply D.O. (mg/L) 0.02-10 A 6.0 Arsenic(T) Qualifiers: D.O. (spawning) 7.0 Beryllium рΗ 6.5 - 9.0 Other: Cadmium TVS(tr) TVS chlorophyll a (mg/m²) 150 Cadmium(T) 5.0 *Uranium(acute) = See 32.5(3) for details. E. Coli (per 100 mL) 126 TVS Chromium III Chromium III(T) 50 Chromium VI TVS TVS Inorganic (mg/L) Copper TVS TVS acute chronic Ammonia TVS TVS Iron WS 0.75 Iron(T) 1000 Boron Lead **TVS** TVS Chloride 250 Lead(T) Chlorine 0.019 0.011 <u>50</u> 0.005 Manganese TVS TVS/WS Cyanide Mercury(T) 0.01(t) Nitrate 10 0.05___ Molybdenum(T) 160150 Nitrite ---0.05 TVS TVS Phosphorus 0.11 Nickel --ws Nickel(T) 100 Sulfate **=** Sulfide 0.002 Selenium TVS TVS Silver TVS TVS(tr) <u>---16.8-30</u> ≜ Uranium varies* Zinc TVS TVS

16c. Mainstern							
COARUA16C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold Warm 1	Temperature °C	CS<u>WS</u>-II	CSWS-	Aluminum	-	-
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*I Iranium/acut	te) = See 32.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Oramumiacut	<u>lej = 0ee 32.3(3) for details.</u>		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
17a. Mainsterr	n of Cottonwood Creek (Fremont (County), including all tributaries and v	wetlands, from the s	source to a po	oint immediately below the	confluence with Nort	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I				
			00-1	CS-I	Aluminum		
	Recreation E		acute	CS-I chronic	Aluminum Arsenic	340	
	Recreation E Water Supply	D.O. (mg/L)				340 	
Qualifiers:		D.O. (mg/L) D.O. (spawning)	acute	chronic	Arsenic Arsenic(T)		
		D.O. (spawning)	acute 	chronic 6.0	Arsenic		0.02
Other:	Water Supply	D.O. (spawning) pH	acute 	6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	TVS(tr)	0.02 TVS
Other: Temporary Me	Water Supply odification(s):	D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)		0.02 TVS ==
Other: Temporary Moderate Mode	Water Supply odification(s): ic) = hybrid	D.O. (spawning) pH	acute 6.5 - 9.0 	6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) <u>5.0</u> 	0.02 TVS TVS
Other: Temporary Moderate Mode	Water Supply odification(s):	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	6.0 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS(tr) 5.0 50	0.02 TVS TVS TVS
Other: Temporary Means Arsenic (chronic Expiration Date 1)	Water Supply odification(s): ic) = hybrid	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS(tr) <u>5.0</u> 50 TVS	0.02 TVS TVS TVS TVS
Other: Temporary Means Arsenic(chronic) Expiration Date	water Supply odification(s): ic) = hybrid te of 12/31/2021	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS TVS
Other: Temporary Means Arsenic(chronic) Expiration Date	water Supply odification(s): ic) = hybrid te of 12/31/2021	D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 iic (mg/L) acute TVS	chronic 6.0 7.0 150 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS(tr) 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS
Other: Temporary Means Arsenic(chronic) Expiration Date	water Supply odification(s): ic) = hybrid te of 12/31/2021	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = hybrid te of 12/31/2021	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS
Other: Temporary Means Arsenic(chronic) Expiration Date	water Supply odification(s): ic) = hybrid te of 12/31/2021	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS WS 1000 TVS
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = 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	acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = 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	acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = 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	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05==	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#) 460150
Other: Temporary Me Arsenic(chroni Expiration Dat	water Supply odification(s): ic) = 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 Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = 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 Phosphorus Sulfate	acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10 0.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05= 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TV
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = 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 Phosphorus	acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS(tr) 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS
Other: Temporary Means Arsenic(chronic Expiration Date 1	water Supply odification(s): ic) = 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 Phosphorus Sulfate	acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10 0.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05= 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 100 TVS TVS(tr)
Other: Temporary Means Arsenic(chronic) Expiration Date	water Supply odification(s): ic) = 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 Phosphorus Sulfate	acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 10 0.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05= 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS(tr) 5.0 50 TVS TVS TVS 50 TVS 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

COARUA17E	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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
		рН	6.5 - 9.0		Cadmium	TVS	TVS
Uranium(acu	<u>ite) = See 32.5(3) for details.</u>	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgar	nic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01 (t)
		Chlorine	0.019	0.011	Molybdenum(T)		160 150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u> -	0.05 =	Silver	TVS	TVS
		Phosphorus		0.11	Uranium	varies*	
		Sulfate			Zinc	TVS	TVS
		Sulfide			Ziilo	170	170
70 Mainatar	m of Cottonwood Crook from E6 De	pad to the confluence with Currant C		0.002			
	Classifications	Physical and				Metals (ug/L)	
Designation		i nysicai ana	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
CONONADIO	Recreation E	Temperature C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	117	D.O. (spawning)		7.0	Beryllium		0.02
		pH	6.5 - 9.0				TVS
Other:		chlorophyll a (mg/m²)	0.5 - 9.0	150	Cadmium (T)	TVS(tr)	
Uranium(acu	ute) = See 32.5(3) for details.				Cadmium(T)	<u>5.0</u>	
,		E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	T./O
		Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper .	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
				250	Lead	TVS	TVS
		Chloride					
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Chlorine Cyanide	0.019 0.005		Manganese	<u>50</u> TVS	TVS/WS
		Chlorine	0.019 0.005 10	0.011	Manganese Mercury(T)		TVS/WS 0.01 (t)
		Chlorine Cyanide	0.019 0.005	0.011	Manganese Mercury(T) Molybdenum(T)	TVS 	TVS/WS 0.01 (t) 160 <u>150</u>
		Chlorine Cyanide Nitrate	0.019 0.005 10	0.011	Manganese Mercury(T)	TVS 	TVS/WS 0.01 (t)
		Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 <u>0.05</u>	0.011 0.05= =	Manganese Mercury(T) Molybdenum(T)	TVS 	TVS/WS 0.01 (t) 160 <u>150</u>
		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 <u>0.05</u>	0.011 0.05 = 0.11	Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS	TVS/WS 0.01 (t) 160 <u>150</u> TVS
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u>	0.011 0.05= = 0.11 WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS TVS ==	TVS/WS 0.01 (t) 160150 TVS 100
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u>	0.011 0.05= = 0.11 WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS == TVS	TVS/WS 0.01(t) 160150 TVS 100 TVS

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
	e of 12/31/2021				Chromium III(T)	50	
•		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Uranium(acu	te) = See 32.5(3) for details.	5	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
19. Mainstem	of Fourmile Creek, including all t	ributaries and wetlands, from the sou	rce to immediately b	pelow the co		1,10	110
19. Mainstem	of Fourmile Creek, including all t	ributaries and wetlands, from the sour		pelow the co	nfluence with High Creek.	Metals (ug/L)	1,40
COARUA19	Classifications	Ī		pelow the co	nfluence with High Creek.		chronic
COARUA19 Designation		Ī	Biological		nfluence with High Creek.	Metals (ug/L)	
COARUA19 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	nfluence with High Creek.	Metals (ug/L)	
COARUA19 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	nfluence with High Creek.	Metals (ug/L) acute	chronic
COARUA19 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	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COARUA19 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
COARUA19 Designation Reviewable 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	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
COARUA19 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-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340	chronic 0.02
COARUA19 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)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	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 bic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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 cic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) Inorgan	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS WS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) Inorgan Ammonia Boron	Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 0.75 250	Aluminum Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS STVS TVS TVS TVS TVS TV
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroneixpiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 0.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05==	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS US 1000 TVS TVS/WS 0.01(#) 160150
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroneixpiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 == 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5_0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS 4000 TVS TVS/WS 0.01(t) 160150 TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic expiration Date)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05= 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5_0 50 TVS TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS US 1000 TVS TVSWS 0.01(t) 160150 TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroneixpiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 == 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	### Metals (ug/L) ### acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS
COARUA19 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroneixpiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply odification(s): ic) = hybrid e 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) 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05= 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	### Metals (ug/L) ### acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS US 1000 TVS TVSWS 0.01(t) 160150 TVS

tr = trout

20a. Mainstem of Fourmile Creek, including all tributaries and wetlands, from immediately below the confluence with High Creek to a point immediately above the confluence with Long Gulch, except for the specific listing to segment 23. COARUA20A Classifications **Physical and Biological** Metals (ug/L) **MWAT** Designation Agriculture DM acute chronic Aq Life Cold 1 Reviewable Temperature °C 11/1 - 2/29 14.2varies* 9.7varies* **Aluminum** Recreation E Temperature °C 3/1 - 10/31 27.1 Arsenic 340 Qualifiers: Arsenic(T) 7.6 acute chronic Bervllium Other: D.O. (mg/L) 6.0 Cadmium TVS(tr) TVS *chlorophyll a (mg/m²)(chronic) = applies only D.O. (spawning) 7.0 Chromium III TVS TVS above the facilities listed at 32.5(4). *Phosphorus(chronic) = applies only above the рΗ 6.5 - 9.0 Chromium III(T) 100 facilities listed at 32.5(4). chlorophyll a (mg/m²) 150* Chromium VI TVS TVS Uranium(acute) = See 32.5(3) for details. E. Coli (per 100 mL) 126 TVS Temperature = Copper TVS DM=14.2 and MWAT=9.7 from 11/1-2/29 Iron(T) ---1000 DM= 27.1 and MWAT=21 from 3/1-10/31 TVS TVS Lead Inorganic (mg/L) acute chronic Manganese TVS TVS 0.01(t) Ammonia TVS TVS Mercury(T) Boron 0.75 Molybdenum(T) 160150 Chloride Nickel TVS TVS Chlorine 0.019 0.011 Selenium **TVS TVS** TVS Cyanide 0.005 Silver TVS(tr) Uranium Nitrate 100 --varies* ---0.05___ Zinc TVS Nitrite ---<u>0.05</u> **TVS** Phosphorus 0.11* Sulfate Sulfide 0.002

COARUA20B	Classifications	Phys	ical and Biol	ogical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 2/29	13 <u>varies*</u>	9.4 <u>varies*</u>	Aluminum	_	
	Recreation E	Temperature °C	3/1 - 10/31	28.1	22	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium	_	
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	D.O. (spawning)			7.0	Cadmium(T)	<u>5.0</u>	==
Arsenic(chroni	* *	pH		6.5 - 9.0		Chromium III		TVS
Expiration Date	e of 12/31/2021	chlorophyll a (mg/m²)			<u>150*</u>	Chromium III(T)	50	
chlorophyll a /	(mg/m ²)(chronic) = applies only	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
bove the facil	ities listed at 32.5(4).					Copper	TVS	TVS
<u>Phosphorus(cacilities listed</u>	<u>chronic) = applies only above the</u> at 32.5(4).		Inorganic (m	g/L)		Iron		WS
Sulfate(chroni	ic) = Dissolved standards applicable			acute	chronic	Iron(T)		1000
at the point of a Manganese(c	witndraw. hronic) = Dissolved standards	Ammonia		TVS	TVS	Lead	TVS	TVS
• •	ne point of withdraw.	Boron			0.75	Lead(T)	<u>50</u>	=
Temperature:	e) = See 32.5(3) for details. =	Chloride			250	Manganese	TVS	TVS/WS*
DM=13 and M	WAT=9.4 from 11/1-2/29	Chlorine		0.019	0.011	Mercury(T)		0.01 (t)
<u>DM= 28.1 and</u>	MWAT=22 from 3/1-10/31	Cyanide		0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.05</u> ⁻	0.05<u></u> =	Nickel(T)	=	<u>100</u>
		Phosphorus			 0.44*	Selenium	TVS	TVS
		Sulfate			WS*	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	<u>varies*</u>	<u>16.8-30</u>
						Zinc	TVS	TVS

L Ia. Iviali istell	• • • • • • • • • • • • • • • • • • • •	point 1.0 miles apolican	of the confluence with F	ourning Oreck	•		
COARUA21A	Classifications	Physic	al 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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium	_	
*	(pH	6.5 - 9.0		Cadmium	TVS	TVS
the facilities lis	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
*Phosphorus(c) facilities listed	chronic) = applies only above the	E. Coli (per 100 mL)		126	Chromium III(T)		100
	te) = See 32.5(3) for details.				Chromium VI	TVS	TVS
		lı	norganic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS(sa)	TVS(ela)	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury (II)		0.01 (t)
		Chlorine	0.019	0.011	Molybdenum(T)		160<u>150</u>
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u> -	0.05 =	Silver	TVS	TVS
		Phosphorus		0.11*	Uranium	vorioo*	
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
-	n of Cripple Creek from a point 1.5 mile	es upstream to the conflu	ence with Fourmile Creek	(
004511441				··	1		
	Classifications	Physic	al and Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		Metals (ug/L) acute	chronic
	Agriculture Aq Life Cold 2	Physic Temperature °C	DM CS-I	MWAT CS-I	Aluminum	acute	
Designation Reviewable	Agriculture	Temperature °C	DM CS-I acute	MWAT CS-I chronic	Arsenic	,	
Designation	Agriculture Aq Life Cold 2	Temperature °C D.O. (mg/L)	DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Arsenic(T)	acute	
Designation Reviewable	Agriculture Aq Life Cold 2	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute 	MWAT CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute 340	 100
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 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	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS(tr)	100 TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2	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 Arsenic(T) Beryllium Cadmium Chromium III	acute 340	 100 TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 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	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute 340 TVS(tr) TVS	100 TVS TVS 100
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 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 Arsenic(T) Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS(tr) TVS TVS	100 TVS TVS 100 TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 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 Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) TVS	TVS TVS 100 TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 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 corganic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute 340 TVS(tr) TVS TVS TVS	TVS TVS 100 TVS TVS 100 TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 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 Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	acute 340 TVS(tr) TVS TVS TVS TVS TVS	TVS TVS 100 TVS TVS 100 TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron	DM CS-I acute 6.5 - 9.0 corganic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 morganic (mg/L) acute TVS(sp)	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(#)
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) In Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 torganic (mg/L) acute TVS(sp) 0.019	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(t)
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	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	DM CS-I acute 6.5 - 9.0 TVS(sp) 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS(tr) TVS	100 TVS TVS 100 TVS 1000 TVS TVS 1000 TVS TVS 0.01(#) 160150 TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	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	DM CS-I acute 6.5 - 9.0 norganic (mg/L) acute TVS(sp) 0.019 0.005 100	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	acute 340 TVS(tr) TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	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	DM CS-I acute 6.5 - 9.0 TVS(sp) 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	acute 340 TVS(tr) TVS	100 TVS TVS 100 TVS 1000 TVS TVS 1000 TVS TVS 0.01(#) 160150 TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	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 Phosphorus	DM CS-I acute 6.5 - 9.0 norganic (mg/L) acute TVS(sp) 0.019 0.005 100	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	acute 340 TVS(tr) TVS	100 TVS TVS 100 TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS TVS TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 2 Recreation E	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	DM CS-I acute 6.5 - 9.0 100rganic (mg/L) acute TVS(sp) 0.019 0.005 1000.05	MWAT CS-I chronic 6.0 7.0 126 chronic TVS(elp) 0.75 0.011 0.05 =	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	acute 340 TVS(tr) TVS	100 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(#) 160150 TVS TVS

22a Mainstem	of Aregua Gulch from the source	to the confluence with Cripple Creek					
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	11000	11000
	Recreation N		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
		рН	6.0 - 9.0		Cadmium	TVS	TVS
*Uranium(acut	e) = See 32.5(3) for details.	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
		E. Coli (per 100 mL)		630	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgani	c (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	5903	3674
		Chloride			Mercury (II)		0.01 (t)
		Chlorine	0.019	0.011	Molybdenum(T)		160 <u>150</u>
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u> ⁻	0.05=	Silver	TVS	TVS
		Phosphorus		0.11	Uranium	<u>varies*</u>	
		Sulfate			Zinc	3500	600
		Sulfide		0.002			
22b. Squaw G	ulch from the source to the conflue	ence with Cripple Creek.					
COARUA22B	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		_
	Aq Life Cold 2 Recreation N	Temperature °C	CS-II acute	CS-II chronic	Aluminum Arsenic(T)		200
		D.O. (mg/L)				 	
		D.O. (mg/L) D.O. (spawning)	acute	chronic	Arsenic(T)		200
Qualifiers: Other:	Recreation N	D.O. (mg/L)	acute 	chronic 6.0	Arsenic(T) Beryllium	-	200
Qualifiers: Other:		D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 	6.0 7.0	Arsenic(T) Beryllium Cadmium(T)		200 50
Qualifiers: Other:	Recreation N	D.O. (mg/L) D.O. (spawning) pH	acute 6.5 - 9.0	6.0 7.0	Arsenic(T) Beryllium Cadmium(T) Chromium III(T)	 	200 50 1000
Qualifiers: Other:	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	6.0 7.0 	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T)	 	200 50 1000 1000
Qualifiers: Other:	Recreation N	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	acute 6.5 - 9.0 	6.0 7.0 	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T)	 	200 50 1000 1000 500
Qualifiers: Other:	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(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron	 	200 50 1000 1000 500
Qualifiers: Other:	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 7.0 630	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T)	 	200 50 1000 1000 500 100
Qualifiers: Other:	Recreation N	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 7.0 630 chronic	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T)	 	200 50 1000 1000 500 100
Qualifiers: Other:	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 c (mg/L) acute	chronic 6.0 7.0 630 chronic	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel		200 50 1000 1000 500 100 10 460150
Qualifiers: 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	acute 6.5 - 9.0 c (mg/L) acute	chronic 6.0 7.0 630 chronic 5.0	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Selenium(T)		200 50 1000 1000 500 100 10 160150
Qualifiers: Other:	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 c (mg/L) acute	chronic 6.0 7.0 630 chronic 5.0	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Selenium(T) Silver		200 50 1000 1000 500 100 10 460150
Qualifiers: 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	acute 6.5 - 9.0 c (mg/L) acute	chronic 6.0 7.0 630 chronic 5.0	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Selenium(T) Silver Uranium		200 50 1000 1000 500 100 10 460 <u>150</u> 50
Qualifiers: 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 Nitrite	acute 6.5 - 9.0 c (mg/L) acute 0.2	chronic 6.0 7.0 630 chronic 5.0	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Selenium(T) Silver		200 50 1000 1000 500 100 10 460150 50
Qualifiers: 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 c (mg/L) acute 0.2 100	chronic 6.0 7.0 630 chronic 5.0	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Selenium(T) Silver Uranium		200 50 1000 1000 500 100 10 460 <u>150</u> 50
Qualifiers: 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 Nitrite	acute 6.5 - 9.0 c (mg/L) acute 0.2 10010	chronic 6.0 7.0 630 chronic 5.0 10 =	Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Selenium(T) Silver Uranium		200 50 1000 1000 500 100 10 460 <u>150</u> 50

COARUA23	of Wilson Creek (Teller County), inc Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture	1 Hydrodi dild	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	Tomporataro o	acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
Milei.		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
	(mg/m²)(chronic) = applies only abo	. , , , ,		126	Chromium III	TVS	TVS
	sted at 32.5(4). chronic) = applies only above the		ic (mg/L)	.20	Chromium III(T)		100
acilities listed		morgan	acute	chronic	Chromium VI	TVS	TVS
<u>Uranium(acu</u>	<u>te)</u> = See 32.5(3) for details.	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride		0.75	Lead	TVS	TVS
		Chlorine		0.011	Manganese	TVS	TVS
			0.010		Mercury(T)		0.01 (t)
		Cyanide	0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate	100		Nickel	TVS	160<u>150</u> TVS
		Nitrite	<u>0.05</u> ⁻	0.05=====	Selenium	TVS	TVS
		Phosphorus		0.11*	Silver	TVS	TVS
		Sulfate					175
		Sulfide		0.002	Uranium Zinc	<u>varies*</u> TVS	TVS
					ZINC		
24 Mainston	of East and Wast Basyor Crooks in	cluding all tributarios and watlands	from the course to	the conflue	nco with Boayor Crook:	nainctom of Roayor Cro	ok from the
	of East and West Beaver Creeks, in point of diversion to Brush Hollow R		s, from the source to	the conflue	nce with Beaver Creek; i	nainstem of Beaver Cre	ek from the
ource to the				o the conflue	nce with Beaver Creek; I	mainstem of Beaver Cre Metals (ug/L)	ek from the
ource to the	point of diversion to Brush Hollow R	eservoir.		o the conflue	nce with Beaver Creek; I		
cource to the coardante	point of diversion to Brush Hollow R	eservoir.	Biological		nce with Beaver Creek; I	Metals (ug/L)	
cource to the coardante	point of diversion to Brush Hollow Received Brush Hollow Brush Holl	Physical and	Biological DM	MWAT		Metals (ug/L)	
COARUA24 Designation	point of diversion to Brush Hollow ReClassifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	chronic
COARUA24 Designation Reviewable	point of diversion to Brush Hollow ReClassifications 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
cource to the coardante to the coardante to the coardante coardant	point of diversion to Brush Hollow ReClassifications 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 Arsenic(T)	Metals (ug/L) acute 340	chronic
COARUA24 Designation Reviewable Qualifiers:	point of diversion to Brush Hollow Receptions 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 Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02
Ource to the COARUA24 Designation Reviewable Qualifiers: Other:	point of diversion to Brush Hollow Receations 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 Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
COARUA24 Designation Reviewable Qualifiers: Other: emporary Marsenic(chron	point of diversion to Brush Hollow Receations 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-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COARUA24 Designation Reviewable Qualifiers: Other: emporary Marsenic(chronexpiration Dates)	point of diversion to Brush Hollow ReClassifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(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)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow Receations Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow ReClassifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(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)	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow ReClassifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(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)	Biological CS-II acute 6.5 - 9.0 iic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
ource to the COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow ReClassifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(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) Inorgan Ammonia Boron	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000
cource to the COARUA24 Designation Reviewable Rualifiers: Dether: Demporary Marsenic(chronic expiration Date	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) Inorgan Ammonia	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
cource to the COARUA24 Designation Reviewable Rualifiers: Dether: Demporary Marsenic(chronic expiration Date	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS
cource to the COARUA24 Designation Reviewable Rualifiers: Dether: Demporary Marsenic(chronic expiration Date	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) 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 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS
cource to the COARUA24 Designation Reviewable Rualifiers: Dether: Demporary Marsenic(chronic expiration Date	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS TVS S TVS S 1000 TVS TVSWS 0.01(#)
ource to the COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05==	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01(t)
COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05=== 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS S TVS S 1000 TVS TVS/WS 0.01(t) 160150 TVS
ource to the COARUA24 Designation Reviewable Qualifiers: Designation Reviewable	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01(t) 460150 TVS
cource to the COARUA24 Designation Reviewable Rualifiers: Dether: Demporary Marsenic(chronic expiration Date	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05=== 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(#) 160150 TVS
cource to the COARUA24 Designation Reviewable Rualifiers: Dether: Demporary Marsenic(chronic expiration Date	point of diversion to Brush Hollow Re Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CS-II acute 6.5 - 9.0 iic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01(t)

COARUA25	Classifications	Physical and	Riological	-		Metals (ug/L)	
	Agriculture	Physical and	DM	MWAT			ohronia
Designation Reviewable	Aq Life Cold 1	Tamparatura %C		CS-I	Alumainum	acute	chronic
Ceviewabie	Recreation E	Temperature °C	CS-I acute	chronic	Aluminum Arsenic	240	_
	Water Supply	D.O. /ma/l.)	acute	6.0		340	0.02
Qualifiers:	1	D.O. (mg/L) D.O. (spawning)		7.0	Arsenic(T)		0.02
		pH	6.5 - 9.0	7.0	Beryllium		T)/C
ther:		chlorophyll a (mg/m²)	0.3 - 9.0	150	Cadmium	TVS(tr)	TVS
Jranium(acu	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	<u>5.0</u>	 T)/C
		L. Coll (per 100 IIIL)		120	Chromium III	 50	TVS
		la anna	:- (Chromium III(T)		TVC
		inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)	TVC	1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	T) (C/A)(C
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS
	·	diversion for Brush Hollow Reservoi		with the Arka			
OARUA26	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	acute	
eviewable	⁻ −		WS-II acute	WS-II chronic	Arsenic	acute 340	
eviewable ualifiers:	Aq Life Warm 2	D.O. (mg/L)	WS-II acute	WS-II chronic 5.0	Arsenic Arsenic(T)	acute 340 	
eviewable ualifiers:	Aq Life Warm 2	D.O. (mg/L) pH	WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Arsenic(T) Beryllium	acute 340	 100
eviewable ualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²)	WS-II acute	WS-II chronic 5.0 150	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	100 TVS
esignation eviewable eualifiers: htther:	Aq Life Warm 2	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 Arsenic(T) Benyllium Cadmium Chromium III	acute 340 TVS TVS	100 TVS
eviewable ualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WS-II acute 6.5 - 9.0 ic (mg/L)	WS-II chronic 5.0 150 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute 340 TVS TVS	100 TVS TVS
eviewable ualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-II acute 6.5 - 9.0 ic (mg/L) acute	WS-II chronic 5.0 150 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	acute 340 TVS TVS TVS TVS	100 TVS TVS 100
eviewable ualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-II chronic 5.0 150 126 chronic TVS	Arsenic Arsenic(T) Benyllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS TVS TVS TVS TVS	TVS TVS TVS TVS TVS
eviewable ualifiers:	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	WS-II acute 6.5 - 9.0 ic (mg/L) acute	WS-II chronic 5.0 150 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute 340 TVS TVS TVS TVS TVS	1000
eviewable ualifiers:	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-II chronic 5.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	1000 TVS TVS 1000 TVS 1000 TVS
eviewable ualifiers:	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-II chronic 5.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	acute 340 TVS	1000 TVS 1000 TVS 1000 TVS 1000 TVS
eviewable ualifiers:	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-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	Arsenic Arsenic(T) Benyllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	1000 TVS 1000 TVS 1000 TVS 1000 TVS 0.01(#)
eviewable ualifiers:	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	WS-II chronic 5.0 150 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	1000 TVS 1000
eviewable ualifiers:	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	WS-II chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS	1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01(#)
eviewable ualifiers:	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	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 0.011	Arsenic Arsenic(T) Benyllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	acute 340 TVS	1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01(t) 160150 TVS
eviewable ualifiers:	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-II acute 6.5 - 9.0 ic (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 Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS	Chronic 100 100 TVS TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01(#) 1601500 TVS TVS
eviewable tualifiers:	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 1000.5	WS-II chronic 5.0 150 126 Chronic TVS 0.75 0.011 0.5== 0.17	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	acute 340 TVS	1000 TVS TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01(t) 160150 TVS

LI. Maii iSteill	of Eightmile Creek, including all tributa	ines and wellands, from the source	to the mouth of	Phantom Ca	inyon. (lat/long).		
COARUA27	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
*Uranium(acu	<u>te) = See 32.5(3) for details.</u>	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic	(mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		ws
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	==
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
28. All lakes a	and reservoirs within the Mount Massive	and Collegiate Peaks Wilderness	areas.				
COARUA28	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW						acute	Cilionic
	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		-
	Recreation E	Temperature °C	CL acute		Aluminum Arsenic	340	
	·	Temperature °C D.O. (mg/L)		CL			-
Qualifiers:	Recreation E		acute	CL chronic	Arsenic	340	
Qualifiers:	Recreation E	D.O. (mg/L)	acute 	CL chronic 6.0	Arsenic Arsenic(T)	340 	
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	CL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	340 	 0.02
Other: *chlorophyll a and reservoirs	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH	acute 	CL chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS(tr)	0.02 TVS
Other: *chlorophyll a and reservoirs *Phosphorus(a	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a 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	CL chronic 6.0 7.0 8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 TVS(tr) <u>5.0</u>	 0.02 TVS
Other: *chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	acute 6.5 - 9.0 	CL chronic 6.0 7.0 8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340 TVS(tr) <u>5.0</u>	 0.02 TVS == TVS
Other: *chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 	CL chronic 6.0 7.0 8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340 TVS(tr) <u>5.0</u> 50	 0.02 TVS === TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 	CL chronic 6.0 7.0 8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340 TVS(tr) <u>5.0</u> 50 TVS	0.02 TVS TVS TVS
Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 (mg/L) acute	CL chronic 6.0 7.0 8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	acute 6.5 - 9.0 (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	acute 6.5 - 9.0 (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	acute 6.5 - 9.0 (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS(tr) 5.0 50 TVS TVS TVS TVS	
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS TVS TVS TVS WS 1000 TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 =	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10 0.05	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025*	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS 4000 TVS TVSWS 0.01(t) 160150 TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10 0.05	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05= 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01(t) 160150 TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS STVS TVS WS 1000 TVS TVSWS 0.01(t) 160150 TVS 1000 TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10 0.05	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05= 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	340 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10 0.05	CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05= 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS

30. COARUA29	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
Phosphorus(chronic) = applies only to lakes and				Chromium III(T)	50	
	ger than 25 acres surface area. te) = See 32.5(3) for details.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
Oramamiaca	<u> </u>		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	==
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160150
		Phosphorus	— <u>0.00</u>	0.025*	Nickel	TVS	TVS
		Sulfate		0.025 WS	Nickel(T)		100
		Sulfide		0.002	Selenium	₩	TVS
		Sullide		0.002	Silver	TVS	TVS(tr)
					Uranium		<u>16.8-30</u>
						<u>varies*</u>	
						T\/©	
On Turqueine	December Class Creek December Tu	in Lakes and Mt. Elbert Farebox			Zinc	TVS	TVS
30. Turquoise	Reservoir, Clear Creek Reservoir, Two Classifications	in Lakes and Mt. Elbert Forebay. Physical and Bi	ological			TVS Metals (ug/L)	178
COARUA30			ological	MWAT			chronic
	Classifications			MWAT CLL		Metals (ug/L)	
COARUA30 Designation	Classifications Agriculture	Physical and B	DM			Metals (ug/L)	
OARUA30 Designation	Classifications Agriculture Aq Life Cold 1	Physical and B	DM CLL <u>varies*</u>	CLL vorios*	Aluminum	Metals (ug/L) acute 340	chronic
COARUA30 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Boundary Temperature °C D.O. (mg/L)	DM CLL varies* acute	CLL chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic 0.02
COARUA30 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning)	DM CLL <u>varies*</u> acute	chronic	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 0.02
COARUA30 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CLL <u>varies*</u> acute 	CLL ***********************************	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 0.02 TVS
COARUA30 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM CLLvaries* acute 6.5 - 9.0	CLL **Chronic** 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 0.02 TVS
COARUA30 Designation Reviewable Rualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CLLvaries* acute 6.5 - 9.0	CLL ***********************************	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a nd reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CLL <u>varies*</u> acute 6.5 - 9.0	CLL **Chronic** 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 == TVS(tr) 5.0 50	chronic 0.02 TVS TVS
COARUA30 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Classificatior orebay	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. DUWS to Twin Lakes and Mt. Elbert	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CLL_varies* acute 6.5 - 9.0 	chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COARUA30 Designation Reviewable Qualifiers: Other: chlorophyll a ind reservoirs Classification orebay Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	DM CLL <u>varies*</u> acute 6.5 - 9.0 (mg/L) acute	chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS
COARUA30 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Classification orebay Phosphorus(eservoirs larg Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. DUWS to Twin Lakes and Mt. Elbert chronic) = applies only to lakes and ger than 25 acres surface area. te) = See 32.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Gorebay Phosphorus(eservoirs larg Uranium(acu Temperature	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. DUWS to Twin Lakes and Mt. Elbert chronic) = applies only to lakes and ger than 25 acres surface area. tel = See 32.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1000
COARUA30 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Classificatior orebay Phosphorus(eservoirs larguranum(acutamum(acutamum)acutamum(acutamum)acutamum(acutamum)acutamum(acutamum)acutamum(acutamum)acutamum(acutamum)acutamum(acutamum)acutamum(acutamum)acutamum)acutamum(acutamum)acutamum)acutamum(acutamum)acutamum)acutamum)acutamum acutamum acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. 1: DUWS to Twin Lakes and Mt. Elbert chronic) = applies only to lakes and ger than 25 acres surface area. 1: = See 32.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a ind reservoirs Classification orebay Phosphorus(eservoirs larg Uranium(acu Temperature DM and MWA Turquoise Re.ower), Mt. El	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. b): DUWS to Twin Lakes and Mt. Elbert chronic) = applies only to lakes and ger than 25 acres surface area. te) = See 32.5(3) for details.	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
COARUA30 Designation Reviewable Rualifiers: Other: Chlorophyll a nd reservoirs Classification forebay Phosphorus (eservoirs larguranium (acu Temperature Mand MWA urquoise Reower), Mt. El	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Forebay Phosphorus(eservoirs larg Uranium(acu Temperature DM and MWA urquoise Re ower), Mt. El DM=22.4 and Clear Creek F	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. DUWS to Twin Lakes and Mt. Elbert chronic) = applies only to lakes and ger than 25 acres surface area. te) = See 32.5(3) for details. T=CLL from 1/1-3/31 servoir, Twin Lakes (Upper and libert Forebay MWAT=16.6 from 4/1-12/31	Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Forebay Phosphorus(eservoirs larg Uranium(acu Temperature DM and MWA urquoise Re ower), Mt. El DM=22.4 and Clear Creek F	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C 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	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 1	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 == TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS S1000 TVS TVS/WS 0.01(t) 160150
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Forebay Phosphorus(eservoirs larg Uranium(acu Temperature DM and MWA urquoise Re ower), Mt. El DM=22.4 and Clear Creek F	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C 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	DM CLL_varies* acute 6.5 - 9.0 (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==== 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS STVS US 1000 TVS TVSWS 0.01(t) 160150 TVS
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Forebay Phosphorus(eservoirs larg Uranium(acu Temperature DM and MWA urquoise Re ower), Mt. El DM=22.4 and Clear Creek F	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C 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	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 1	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 500 TVS TVS TVS 500 TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS SUS 1000 TVS TVS/WS 0.01(#) 160150 TVS
COARUA30 Designation Reviewable Rualifiers: Other: Chlorophyll a nd reservoirs Classification forebay Phosphorus (eservoirs larguranium (acu Temperature Mand MWA urquoise Reower), Mt. El	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C 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	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05==== 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 500 TVS TVS TVS 500 TVS TVS TVS 500 TVS TVS TVS 500 TVS	Chronic 0.02 TVS TVS TVS TVS STVS TVS TVS 4000 TVS TVS/WS 0.01(t) 160150 TVS
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Forebay Phosphorus(eservoirs larg Uranium(acu Temperature DM and MWA urquoise Re ower), Mt. El DM=22.4 and Clear Creek F	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C 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	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10 0.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 500 TVS TVS TVS 500 TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01(t) 160150 TVS TVS(tr)
COARUA30 Designation Reviewable Qualifiers: Other: Chlorophyll a and reservoirs Classificatior Forebay Phosphorus (eservoirs larguranium (acu Temperature DM and MWA Turquoise Reower), Mt. Ellom 22.4 and Clear Creek F	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes s larger than 25 acres surface area. bull bull bull bull bull bull bull bul	Physical and Bi Temperature °C 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	DM CLL_varies* acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10 0.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

tr = trout

COARUA31	Classifications	Physical and	d Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
teviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	(chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
Phosphorus(chronic) = applies only to lakes and				Chromium III(T)	50	
_	ger than 25 acres surface area. te) = See 32.5(3) for details.	Inorga	nic (mg/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
32. All lakes a	and reservoirs tributary to the South Fo	rk of the Arkansas from the sou	arce to the confluenc	e with the Ar		TVS	TVS
32. All lakes a	and reservoirs tributary to the South Fo	rk of the Arkansas from the sou		e with the Ar	kansas River.	TVS Metals (ug/L)	TVS
	•	1		e with the Ar	kansas River.		TVS
OARUA32	Classifications	1	d Biological		kansas River.	Metals (ug/L)	
OARUA32 Designation	Classifications Agriculture	Physical and	d Biological DM	MWAT	kansas River.	Metals (ug/L)	
OARUA32 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	d Biological DM CL	MWAT CL	kansas River.	Metals (ug/L) acute	chronic
OARUA32 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CL acute	MWAT CL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COARUA32 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	d Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
coarua32 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 chlorophyll a (ug/L)	d Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02
coarua32 Designation Reviewable Dualifiers: 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 chlorophyll a (ug/L)	d Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
COARUA32 Designation Deviewable Designation Deviewable Designation Deviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a 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)	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
coarua32 designation deviewable dualifiers: other: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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)	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
coarua32 designation deviewable dualifiers: other: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a 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)	DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
coarua32 designation deviewable dualifiers: other: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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)	DM CL acute 6.5 - 9.0 nic (mg/L)	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 nic (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
coarua32 designation deviewable dualifiers: other: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia	Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron	d Biological DM CL acute 6.5 - 9.0 mic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride	d Biological DM CL acute 6.5 - 9.0 mic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine	Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	Chronic 0.02 TVS -
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine Cyanide	d Biological DM 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	Chronic
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	A Biological DM CL acute 6.5 - 9.0 Inic (mg/L) acute TVS 0.019 0.005	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01(#)
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05= 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(+) 160150 TVS
esignation eviewable ualifiers: ther: thlorophyll a nd reservoirs Phosphorus(servoirs larg	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	A Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05= 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS 4000 TVS TVS/WS 0.01(#) 160150 TVS
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05= 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS 1000 TVS
esignation eviewable ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorga Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	A Biological DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05= 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS 4000 TVS TVS/WS 0.01(#) 160150 TVS

tr = trout

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 Biological Metals (ug/L) MWAT Designation Agriculture DM acute chronic Aq Life Cold 2 Reviewable CL,CLL CL,CLL Temperature °C Aluminum Recreation E acute chronic Arsenic 340 Water Supply D.O. (mg/L) 6.0 0.02-10 A Arsenic(T) Qualifiers: D.O. (spawning) 7.0 Bervllium Other: 6.5 - 9.0 Cadmium TVS(tr) TVS chlorophyll a (ug/L) Cadmium(T) 5.0 *chlorophyll a (ug/L)(chronic) = applies only to lakes E. Coli (per 100 mL) 126 Chromium III **TVS** and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and Chromium III(T) 50 --reservoirs larger than 25 acres surface area. Inorganic (mg/L) Chromium VI TVS **TVS** *Uranium(acute) = See 32.5(3) for details. acute chronic Copper TVS TVS WS Ammonia **TVS** TVS Iron 1000 Iron(T) 0.75 Boron ---TVS TVS Chloride 250 Lead Chlorine 0.019 0.011 Lead(T) <u>50</u> Manganese TVS TVS/WS 0.005 Cyanide Nitrate 10 Mercury(T) 0.01(t) 160150 Molybdenum(T) Nitrite <u>--0.05</u> 0.05---Nickel **TVS** TVS Phosphorus 0.025*WS Nickel(T) 100 Sulfate Selenium TVS TVS Sulfide 0.002 Silver TVS TVS(tr) Uranium varies* --<u>16.8-30</u> ≜ Zinc TVS **TVS** 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. Physical and Biological Metals (ug/L) COARUA34 Classifications Designation Agriculture DM **MWAT** chronic acute Reviewable Aq Life Cold 1 Temperature °C CL CL Aluminum Recreation F acute chronic Arsenic 340 Water Supply D.O. (mg/L) 6.0 0.02 Arsenic(T) Qualifiers: D.O. (spawning) ---7.0 Beryllium рΗ 65-90 TVS Other: Cadmium TVS(tr) chlorophyll a (ug/L) ---8* Cadmium(T) 5.0 chlorophyll a (ug/L)(chronic) = applies only to lakes E. Coli (per 100 mL) 126 Chromium III **TVS** and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and Chromium III(T) 50 --reservoirs larger than 25 acres surface area. Chromium VI TVS TVS Inorganic (mg/L) Uranium(acute) = See 32.5(3) for details. Copper TVS **TVS** acute chronic Ammonia **TVS** TVS Iron WS Iron(T) 1000 Boron 0.75 TVS Chloride 250 Lead **TVS** Lead(T) <u>50</u> Chlorine 0.019 0.011 TVS TVS/WS Manganese Cyanide 0.005 Mercury(T) 0.01(t)Nitrate 10 ---0.05___= Molybdenum(T) 160150 ---<u>0.05</u> Nitrite Phosphorus 0.025* Nickel TVS **TVS** 100 Sulfate WS Nickel(T) Sulfide 0.002 Selenium TVS TVS Silver **TVS** TVS(tr) <u>---16.8-30</u> ≜ Uranium varies' Zinc **TVS** TVS

tr = trout

D.O. = dissolved oxygen

35. DeWeese	Reservoir.							
COARUA35	Classifications	Phys	ical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL <u>varies*</u>	CLL veries*	Aluminum	_	
	Recreation E	Temperature °C	4/1 - 12/31	CLL	21.3	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
		D.O. (spawning)			7.0	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	рН		6.5 - 9.0		Chromium III		TVS
	chronic) = applies only to lakes and ler than 25 acres surface area.	chlorophyll a (ug/L)			8*	Chromium III(T)	50	
_	te) = See $32.5(3)$ for details.	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
*Temperature						Copper	TVS	TVS
	MWAT=CLL from 1/1-3/31 MWAT=21.3 from 4/1-12/31		Inorganic (mg	/L)		Iron		WS
				acute	chronic	Iron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	<u>50</u>	=
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury(T)		0.01 (t)
		Cyanide		0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.05</u> -	0.05=	Nickel(T)	=	<u>100</u>
		Phosphorus			0.025*	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
						Zinc	TVS	TVS
						ZINC	175	

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 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*	/ // // · · · · · · · · · · · · · · · ·	chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50	
-	te) = See 32.5(3) for details.	Inorganic (mg	/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

37. All lakes a	and reservoirs tributary to the mainstem			OC WILL LITE / L			00011011.
COARUA37	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS*	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	
	Live et ()	E. Coli (per 100 mL)		126	Chromium III		TVS
	lodification(s):			.20	Chromium III(T)	50	
Arsenic(chroni	te of 12/31/2021	Inorgan	io (ma/l)		Chromium VI	TVS	TVS
		illorgan	ic (mg/L)	ahrania	Copper	TVS	TVS
	(ug/L)(chronic) = applies only to lakes alorger than 25 acres surface area.	A :-	acute	chronic			WS
	: DUWS applies to Ott Reservoir	Ammonia	TVS	TVS	Iron		
	chronic) = applies only to lakes and	Boron		0.75	Iron(T)		1000
•	ger than 25 acres surface area. te) = See 32.5(3) for details.	Chloride		250	Lead	TVS	TVS
<u>Jianiumijacu</u> i	<u>te) = See 32.5(3) for details.</u>	Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05<u></u> =	Molybdenum(T)		160 150
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
							40.0.00
					Uranium	<u>varies*</u>	 16.8-30
ison Reservo		of East and West Beaver Cree	ks from the source	to the conflue	Zinc	TVS	TVS
Bison Reservo	Classifications	of East and West Beaver Cree	Biological		Zinc	TVS This segment includes 3 Metals (ug/L)	TVS Skagway and
Bison Reservo COARUA38 Designation	classifications Agriculture	Physical and	Biological DM	MWAT	Zinc ence with Beaver Creek. 1	TVS This segment includes \$	TVS Skagway and
Bison Reservo COARUA38 Designation	Classifications Agriculture Aq Life Cold 1	1	Biological DM CL,CLL	MWAT CL,CLL	Zinc ence with Beaver Creek. The state of th	TVS This segment includes \$ Metals (ug/L) acute	TVS Skagway and chronic
Sison Reserve COARUA38 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CL,CLL acute	MWAT CL,CLL chronic	Zinc ence with Beaver Creek. The service with Beaver Creek. Th	TVS This segment includes \$ Metals (ug/L) acute 340	TVS Skagway and chronic
Bison Reservo COARUA38 Designation	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0	Zinc ence with Beaver Creek. The second of t	TVS This segment includes S Metals (ug/L) acute 340	TVS Skagway and chronic
Sison Reserve COARUA38 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Zinc ence with Beaver Creek. The service Aluminum Arsenic Arsenic(T) Beryllium	TVS This segment includes S Metals (ug/L) acute 340	Chronic 0.02
Bison Reservo COARUA38 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Zinc ence with Beaver Creek. The control of the con	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
Bison Reservo COARUA38 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	TVS This segment includes \$ Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COARUA38 Cosignation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COARUA38 Designation Deviewable Designation Design	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (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,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50	TVS Skagway and chronic 0.02 TVS TVS TVS
COARUA38 Designation Reviewable Rualifiers: Other: chlorophyll a nd reservoirs Classification	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Bison Reservoir = DUWS	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L)	MWAT CL,CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	TVS Skagway and chronic 0.02 TVS TVS TVS
COARUA38 Designation Reviewable Coulifiers: Chlorophyll a nd reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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,CLL acute 6.5 - 9.0 ic (mg/L) acute	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS TVS
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. It Bison Reservoir = DUWS 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,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS TVS WS
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Zinc Ince with Beaver Creek. The service of the se	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS TVS WS 1000
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS TVS WS
COARUA38 Designation Reviewable Coulifiers: Chlorophyll a nd reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS This segment includes \$ Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
COARUA38 Designation Reviewable Coulifiers: Chlorophyll a nd reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
COARUA38 Designation Reviewable Coulifiers: Chlorophyll a nd reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS This segment includes \$ Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CL,CLL acute 6.5 - 9.0 ic (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 Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS Skagway and chronic
COARUA38 Designation Reviewable Coulifiers: Chlorophyll a nd reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CL,CLL acute 6.5 - 9.0 ic (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 Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS Skagway and TVS
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05==	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS This segment includes s Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
COARUA38 Designation Reviewable Coulifiers: Chlorophyll a nd reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 = 0.025*	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS This segment includes \$ Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS Skagway and chronic 0.02 TVS
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS This segment includes \$ Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS Skagway and chronic 0.02 TVS TVS TVS Skagway and TVS TVS TVS TVS TVS TVS TVS TVS TVS TV
COARUA38 Designation Reviewable Qualifiers: Other: chlorophyll a und reservoirs Classification Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. Elison Reservoir = DUWS chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL,CLL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.025* WS	Zinc Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS This segment includes S Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	TVS Skagway and chronic 0.02 TVS TVS TVS TVS Stagway and TVS TVS TVS TVS TVS TVS TVS TVS TVS TV

tr = trout

COARUA39 Classifications	of Eightmile Creek from the sour Physical and E			1	Metals (ug/L)	
	Physical and E	DM	MWAT		, , ,	chronic
Designation Agriculture Reviewable Aq Life Cold 1	Tomporeture %C	CL	CL	Aluminum	acute	CHIOTIC
Recreation E	Temperature °C	acute	chronic	Aluminum	240	
Water Supply	D.O. (mg/L)		6.0	Arsenic Arsenic(T)	340	0.00
Qualifiers:	D.O. (mg/L)		7.0	Arsenic(T)		0.02
	D.O. (spawning)			Beryllium		T. (0
Other:	pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
chlorophyll a (ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8	Cadmium(T)	<u>5.0</u>	==
and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium III		TVS
reservoirs larger than 25 acres surface area.				Chromium III(T)	50	
*Uranium(acute) = See 32.5(3) for details.	Inorganio			Chromium VI	TVS	TVS
		acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	Iron		WS
	Boron		0.75	Iron(T)		1000
	Chloride		250	Lead	TVS	TVS
	Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
	Cyanide	0.005		Manganese	TVS	TVS/WS
	Nitrate	10		Mercury(T)		0.01 (t)
	Nitrite	<u>0.05</u> ⁻	0.05 ===================================	Molybdenum(T)		160<u>150</u>
	Phosphorus		0.025*	Nickel	TVS	TVS
	Sulfate		WS	Nickel(T)	=	<u>100</u>
	Sulfide		0.002	Selenium	TVS	TVS
				Silver	TVS	TVS(tr)
				Uranium	<u>varies*</u>	<u>16.8-30</u> A
				Zinc	TVS	TVS
40. Brush Hollow Reservoir.	1			T		
COARUA40 Classifications	Physical and E				Metals (ug/L)	
Designation Agriculture						
<u> </u>		DM	MWAT		acute	chronic
Reviewable Aq Life Warm 1	Temperature °C	WL	WL	Aluminum		
Reviewable Aq Life Warm 1 Recreation E	·	WL acute	WL	Arsenic	acute 340	
Reviewable Aq Life Warm 1 Recreation E Water Supply	D.O. (mg/L)	WL acute	WL chronic 5.0	Arsenic Arsenic(T)		
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers:	D.O. (mg/L) pH	WL acute	WL chronic 5.0	Arsenic Arsenic(T) Beryllium	340 	0.02
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers:	D.O. (mg/L) pH chlorophyll a (ug/L)	WL acute	WL chronic 5.0 20*	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS	
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)	WL acute 6.5 - 9.0 	WL chronic 5.0	Arsenic Arsenic(T) Beryllium	340 	 0.02 TVS
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L)	WL acute 6.5 - 9.0 	WL chronic 5.0 20*	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS	0.02 TVS
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	WL acute 6.5 - 9.0 	WL chronic 5.0 20*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	 340 TVS <u>5.0</u> 50	 0.02 TVS
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	WL acute 6.5 - 9.0 c (mg/L)	WL chronic 5.0 20* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340 TVS <u>5.0</u>	 0.02 TVS
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: 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.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio	WL acute 6.5 - 9.0 c (mg/L) acute	WL chronic 5.0 20* 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340 TVS <u>5.0</u> 50	 0.02 TVS == TVS
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: 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.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio	WL acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0 TVS	0.02 TVS TVS TVS
Reviewable Aq Life Warm 1 Recreation E Water Supply Qualifiers: 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.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio	WL acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS 5.0 50 TVS	0.02 TVS TVS TVS TVS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: 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.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	WL acute 6.5 - 9.0 c (mg/L) acute TVS	WL chronic 5.0 20* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	WL 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide	WL 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS WS 1000 TVS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate	WL 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02 TVS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5==	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: 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.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	0.02 TVS TVS TVS TVS TVS TVS TVS 460150 TVS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 340 TVS 5_0 50 TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS 4000 TVS TVSWS 0.01(t) 460150 TVS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: 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.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 TVS 5.0 50 TVS TVS TVS 5.0 TVS TVS TVS 5.0 TVS TVS 5.0 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS
Aq Life Warm 1 Recreation E Water Supply Qualifiers: Other: chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. Phosphorus(chronic) = applies only to lakes and eservoirs larger than 25 acres surface area.	D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganio Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 340 TVS 5_0 50 TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS 4000 TVS TVS TVS TVS TVS 1000 TVS TVS TVS TVS TVS TVS 1000 TVS

41. Teller Res	ervoir	- 1-1	111000 11110		_		
COARUA41	Classifications	Physical and	Biological			Metals (ug/L)	
<u>Designation</u>	<u>Agriculture</u>		<u>DM</u>	MWAT		<u>acute</u>	chronic
Reviewable	Aq Life Cold 1	Temperature °C	<u>CLL</u>	<u>CLL</u>	<u>Aluminum</u>	=	=
	Recreation E		<u>acute</u>	chronic	<u>Arsenic</u>	<u>340</u>	=
	Water Supply	D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)	=	<u>0.02</u>
Qualifiers:		D.O. (spawning)	=	<u>7.0</u>	<u>Beryllium</u>	=	=
Other:		<u>pH</u>	<u>6.5 - 9.0</u>	= =	<u>Cadmium</u>	TVS(tr)	<u>TVS</u>
-616	(/I.)/-h	chlorophyll a (ug/L)	=	<u>8</u>	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes alarger than 25 acres surface area.	E. Coli (per 100 mL)	=	<u>126</u>	Chromium III	=	<u>TVS</u>
	chronic) = applies only to lakes and per than 25 acres surface area.				Chromium III(T)	<u>50</u>	=
	te) = See 32.5(3) for details.	<u>Inorgani</u>	ic (mg/L)		Chromium VI	<u>TVS</u>	<u>TVS</u>
			<u>acute</u>	chronic	Copper	<u>TVS</u>	<u>TVS</u>
		<u>Ammonia</u>	<u>TVS</u>	TVS	<u>lron</u>	=	<u>WS</u>
		<u>Boron</u>	= =	<u>0.75</u>	<u>Iron(T)</u>	=	<u>1000</u>
		<u>Chloride</u>	= °	<u>250</u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
		<u>Chlorine</u>	<u>0.019</u>	<u>0.011</u>	Lead(T)	<u>50</u>	=
		<u>Cyanide</u>	<u>0.005</u>	=⁼	<u>Manganese</u>	<u>TVS</u>	TVS/WS
		<u>Nitrate</u>	<u>10</u>	= ⁼	Mercury(T)	=	<u>0.01</u>
		<u>Nitrite</u>	<u>0.05</u>	= *	Molybdenum(T)	=	<u>150</u>
		<u>Phosphorus</u>	= *	0.025*	Nickel	<u>TVS</u>	<u>TVS</u>
		<u>Sulfate</u>	= ⁵	<u>WS</u>	Nickel(T)	=	<u>100</u>
		<u>Sulfide</u>	=====	0.002	Selenium	TVS	<u>TVS</u>
					Silver	<u>TVS</u>	TVS(tr)
					<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	<u>TVS</u>	<u>TVS</u>

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	=
Uranium(acu	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	=	TVS
		,			Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
		inorgan	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
					Iron(T)		1000
		Boron Chloride		0.75 250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u> TVS	TVS/WS
		Cyanide	0.005		Manganese Mercury(T)	175	0.01 (t)
		Nitrate	10				
		Nitrite	<u>0.05</u>	0.05=	Molybdenum(T)	 TV6	160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	≡	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS
		tlet of Pueblo Reservoir to a point imm		confluence	1		
COARMA02	Classifications	tlet of Pueblo Reservoir to a point imn Physical and	Biological		1	Metals (ug/L)	ahrania
COARMA02 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT			chronic
COARMA02 Designation	Classifications Agriculture Aq Life Cold 1		Biological DM CS-II	MWAT CS-II	Aluminum	Metals (ug/L) acute	-
COARMA02 Designation	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	
COARMA02 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	-
COARMA02 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 Arsenic(T) Beryllium	Metals (ug/L) acute 340	0.02
COARMA02 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-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	
COARMA02 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-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340	0.02 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s):	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	0.02 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron Expiration Da	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	 0.02 TVS === TVS
COARMA02 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Da emperature(a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s):	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS
COARMA02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronexpiration Datemperature(aconditions	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(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-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	0.02 TVS === TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chronesxpiration Dates conditions Expiration Dates	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current	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 7.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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	MWAT CS-II chronic 6.0 7.0 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 7.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
COARMA02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Date emperature(a) conditions Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS TVS WS 1000 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Date emperature(a) conditions Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 7.0 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COARMA02 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Date emperature(a) conditions Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05====	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS US 1000 TVS TVS US 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chronesxpiration Dates conditions Expiration Dates	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS 4000 TVS TVSWS 0.01(t) 160150 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 0.05	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS 1000 TVS TVSWS 0.01(t) 160150 TVS
COARMA02 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chrone Expiration Date Expiration Date Expiration Date Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2021 ac/ch) = current te of 7/1/2021	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 0.05	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS 400 TVS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

COARMA03	Classifications	Physical and	Riological			Metals (ug/L)	
		Filysical allu	DM	MWAT			chronic
Designation Reviewable	Agriculture Aq Life Warm 1	T			A1	acute	
Reviewable	Recreation E	Temperature °C	WS-II acute	WS-II chronic	Aluminum	240	
	Water Supply	D.O. (ma/l.)		5.0	Arsenic (T)	340	0.00
Qualifiers:		D.O. (mg/L)	6.5 - 9.0	5.0	Arsenic(T)		0.02
		pH chlorophyll a (mg/m²)			Beryllium		T\/0
Other:				120	Cadmium	TVS	TVS
	lodification(s):	E. Coli (per 100 mL)		126	Clarensis and III	<u>5.0</u>	T) (0
rsenic(chron	· •	Inorgan	ic (mg/L)		Chromium III		TVS
expiration Dat	te of 12/31/2021		acute	chronic	Chromium III(T)	50 TV0	T) (0
<u> Uranium(acu</u>	te) = See 32.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.05</u> ⁻	0.05 ===	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	26.3	17.1
					Silver	TVS	TVS (tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
	of Wildhorse Creek from the source						TVS
OARMA04A	Classifications	e to the confluence with the Arkansa Physical and	Biological	BANA/A T		Metals (ug/L)	
OARMA04A esignation	A Classifications Agriculture	Physical and	Biological DM	MWAT			TVS
OARMA04A	A Classifications Agriculture Aq Life Warm 2		Biological DM WS-II	WS-II	Aluminum	Metals (ug/L) acute	chronic
OARMA04A esignation	A Classifications Agriculture Aq Life Warm 2 Water Supply	Physical and Temperature °C	Biological DM WS-II acute	WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
OARMA04A esignation P	A Classifications Agriculture Aq Life Warm 2	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
OARMA04A esignation P ualifiers:	A Classifications Agriculture Aq Life Warm 2 Water Supply	Physical and Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 1000.02-10
OARMA04A esignation P ualifiers:	A Classifications Agriculture Aq Life Warm 2 Water Supply	Physical and 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*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic
OARMA04A esignation P ualifiers:	A Classifications Agriculture Aq Life Warm 2 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	WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS 5.0	chronic 1000.02-10 TVS
esignation P ualifiers: ther: chlorophyll a ne facilities lis	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only about the day of the control of the c	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)	WS-II chronic 5.0 150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS 5.0 TVS	chronic 1000.02-10 TVS TVS
esignation P ualifiers: ther: chlorophyll a pe facilities lise phosphorus(cilities listed	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4).	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	WS-II chronic 5.0 150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 TVS 50	chronic 1000.02-10 TVS TVS 400
oarmada esignation P ualifiers: ther: chlorophyll a le facilities listed Selenium(aci	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only aboted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment	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)	WS-II chronic 5.0 150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS
oarmation p ualifiers: ther: thlorophyll a e facilities listed Selenium(acication at 32. Selenium(chiral control con	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment	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	WS-II chronic 5.0 150* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 TVS 50	chronic 1000.02-10 TVS TVS 100 TVS TVS
esignation P ualifiers: ther: chlorophyll a ne facilities lise Phosphorus(icilities listed Selenium(aci ication at 32. Selenium(chi ication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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	WS-II chronic 5.0 150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS SUS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment	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 iic (mg/L) acute TVS	WS-II chronic 5.0 150* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 TVS50 TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS US 1000
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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	WS-II chronic 5.0 150* 126 chronic TVS 0.75250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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	WS-II chronic 5.0 150* 126 chronic TVS 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 TVS50 TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS US 1000
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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	ws-II chronic 5.0 150* 126 chronic TVS 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic TVS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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 iic (mg/L) acute TVS 0.019 0.005 10010	ws-II chronic 5.0 150* 126 chronic TVS 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 1000.02-10 TVS TVS 100 TVS TVS TVS TVS TVS TVS TVS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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 100100.05	WS-II chronic 5.0 150* 126 chronic TVS 0.75250 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS WS 1000 TVS TVSWS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.05	WS-II chronic 5.0 150* 126 Chronic TVS 0.75250 0.011 0.05= 0.17*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS 5.0 TVS=50 TVS TVS TVS TVS TVS TVS 5.0 TVS TVS TVS TVS TVS	Chronic 1000_02-10 TVS TVS 100 TVS TVS TVS TVS TVS 1000 TVS TVS TVS TVS TVS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.05	WS-II chronic 5.0 150* 126 Chronic TVS 0.75250 - 0.011 0.05 = 0.17*WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS 5.0 TVS50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 1000.02-10 TVS TVS TVS 1000 TVS TVS WS 1000 TVS TVS/WS 0.01(t)
cation at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.05	WS-II chronic 5.0 150* 126 Chronic TVS 0.75250 - 0.011 0.05 = 0.17*WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS 5.0 TVS	Chronic 1000.02-10 TVS TVS 100 TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 160150 TVS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.05	WS-II chronic 5.0 150* 126 Chronic TVS 0.75250 - 0.011 0.05 = 0.17*WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS 5.0 TVS	chronic 1000.02-10 TVS TVS 100 TVS WS 1000 TVS TVSWS 0.01(t) 160150 TVS
calinium (chication at 32.	A Classifications Agriculture Aq Life Warm 2 Water Supply Recreation E (mg/m²)(chronic) = applies only abosted at 32.5(4). chronic) = applies only above the lat 32.5(4). ute) = See selenium assessment .6(4). ronic) = See selenium assessment .6(4).	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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.05	WS-II chronic 5.0 150* 126 Chronic TVS 0.75250 - 0.011 0.05 = 0.17*WS -	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS 5.0 TVS	Chronic 1000.02-10 TVS TVS 100 TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 2110*

tr = trout

COARMA04B	Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		_
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pH	6.5 - 9.0		Beryllium		
Temporary Mo	adification(s):	chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
	h) = current conditions	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
,	= current conditions	Inorgan	ic (mg/L)		Chromium III(T)		100
) = current conditions		acute	chronic	Chromium VI	TVS	TVS
` '	ch) = current conditions	Ammonia	TVS	TVS	Copper	TVS	TVS
Chlorine(ac/ch) = current conditions	Boron		0.75	Iron(T)		1000
	mg/m²)(chronic) =	Chloride			Lead	TVS	TVS
current condition Chromium III(a	ons ac/ch) = current	Chlorine	0.019	0.011	Manganese	TVS	TVS
conditions		Cyanide	0.005		Mercury(T)		0.01 (t)
conditions	chronic) = current	Nitrate	100		Molybdenum(T)		160 150
Chromium III(a conditions	ac/ch) = current	Nitrite	0.05 ⁻	0.05 =	Nickel	TVS	TVS
Chromium VI(a	ac/ch) = current	Phosphorus	<u>5.00</u>	0.17	Selenium	TVS	TVS
conditions	- current conditions	Sulfate			Silver	TVS	TVS
	= current conditions e) = current conditions	Sulfide		0.002	Uranium	varies*	
•	nronic) = current	Sunde		0.002	Zinc	TVS	TVS
conditions	0 mL)(chronic) = current				2110	170	100
	current conditions						
, ,	current conditions						
` ,	c/ch) = current conditions						
	chronic) = current						
	current conditions						
Nitrate(acute)	= current conditions						
Nitrite(chronic)	= current conditions						
Phosphorus(cl	urrent conditions nronic) = current						
conditions	h) — aurrent conditions						
	h) = current conditions						
	current conditions						
,	c) = current conditions						
, ,	current conditions e of 12/31/2018						
-Apriation Dat	O OI 12/01/2010						
*Uranium(acut	e) = See 32.5(3) for details.						

COARMA04C	Classifications	Physical and Bi	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	_	
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		7.6 0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
ther:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
'chlorophyll a (he facilities lis	(mg/m ²)(chronic) = applies only above ted at 32.5(4).	Inorganic	(mg/L)		Chromium III	TVS	TVS
Phosphorus(c	chronic) = applies only above the		acute	chronic	Chromium III(T)	<u>50</u>	100
acilities listed Uranium(acut	at 32.5(4). e) = See 32.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
,		Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> -	<u>lron</u>	=	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	100 10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> -	0.5 =	Manganese	TVS	TVS <u>/WS</u>
		Phosphorus		0.17*	Mercury(T)		0.01 (t)
		Sulfate		<u>WS</u> -	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS

COARMA04D	Classifications	Physical and Bio	ological		'	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	_	_
	Water Supply		acute	chronic	Arsenic(T)		100 0.02-10 ≜
	Recreation E	D.O. (mg/L)		5.0	Beryllium(T)		[100[BB1]
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)		10
Other:		chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	(mg/m²)(chronic) = applies only above ted at 32.5(4).	Inorganic ((mg/L)		Chromium III(T)	<u>50</u>	100
Phosphorus(cacilities listed	chronic) = applies only above the		acute	chronic	Chromium VI(T)		100
	e) = See 32.5(3) for details.	Ammonia			Copper(T)		200
,		Boron		0.75	<u>Iron</u>	=	<u>WS</u>
		Chloride		<u>250</u> -	Iron		
		Chlorine			Lead(T)		100
		Cyanide	0.2		Lead(T)	<u>50</u>	=
		Nitrate	100<u>10</u>		Manganese		<u>WS</u>
		Nitrite	<u>10</u> ⁻	10<u></u> =	Mercury <u>(T)</u>		
		Phosphorus		0.17*	Molybdenum(T)		160 <u>150</u>
		Sulfate		<u>WS</u>	Nickel(T)		200
		Sulfide			Nickel(T)	=	<u>100</u>
					Selenium(T)		20
					Silver		
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc(T)		2000

4e. Golf Cours	se Wash						
COARMA04E	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)		150	Beryllium(T)		100
*Uranium(acu	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium		
		Inorgani	c (mg/L)		Cadmium(T)		10
			acute	chronic	Chromium III	TVS	TVS
		Ammonia	TVS	TVS	Chromium III(T)		100
		Boron		0.75	Chromium VI		
		Chloride			Chromium VI(T)		100
		Chlorine			Copper		
		Cyanide	0.2		Copper(T)		200
		Nitrate	100		Iron		
		Nitrite	<u>10</u> ⁻	10 =	Lead		
		Phosphorus		0.17	Lead(T)		100
		Sulfate			Manganese		
		Sulfide			Mercury(II)		
					Molybdenum(T)		160<u>150</u>
					Nickel		
					Nickel(T)		200
					Selenium	1797	1769
					Silver		
					Uranium	<u>varies*</u>	
					Zinc	_	_
					Zinc(T)		2000

	or black oquirer order, moldaling all the	outaries and wetlands, from just belo	JW Highway 34 i	to oquiner o	TEEK INDAG.			
COARMA04F	Classifications	Physical and Biol	logical			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(T)		100	
Qualifiers:		D.O. (mg/L)		5.0	Beryllium(T)		100	
Other:		рН	6.5 - 9.0		Cadmium(T)		10	
		chlorophyll a (mg/m²)		150*	Chromium III(T)		100	
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	E. Coli (per 100 mL)		205	Chromium VI(T)		100	
*Phosphorus(c	chronic) = applies only above the	Inorganic (n	ng/L)		Copper(T)		200	
facilities listed *Uranium(acut	at 32.5(4). te) = See 32.5(3) for details.		acute	chronic	Iron			
		Ammonia			Lead(T)		100	
		Boron		0.75	Manganese(T)		200	
		Chloride			Mercury(T)			
		Chlorine			Molybdenum(T)		160 <u>150</u>	
		Cyanide	0.2		Nickel(T)		200	
		Nitrate	100		Selenium(T)		20	
		Nitrite	<u>10</u> ⁻	10<u></u> =	Silver			
		Phosphorus		0.17*	Uranium	varies*		
		Sulfate			Zinc(T)		2000	
		Sulfide						
4g. Mainstem	of Pesthouse Gulch, from the source to	the confluence with Wildhorse Cre	ek.		ı			
COARMA04G	Classifications	Physical and Biol	logical		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(T)		100	
Qualifiers:								
4		D.O. (mg/L)		5.0	Beryllium(T)		100	
Other:		D.O. (mg/L) pH	6.5 - 9.0	5.0	Beryllium(T) Cadmium(T)		100 10	
*chlorophyll a	(mg/m²)(chronic) = applies only above sted at 32.5(4).	рН	6.5 - 9.0		Cadmium(T)		10	
*chlorophyll a the facilities lis *Phosphorus(c	sted at 32.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²)	6.5 - 9.0	 150*	Cadmium(T) Chromium III(T)	 	10 100	
*chlorophyll a the facilities lis *Phosphorus(ofacilities listed	sted at 32.5(4). chronic) = applies only above the	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0	 150*	Cadmium(T) Chromium III(T) Chromium VI(T)	 	10 100 100	
*chlorophyll a the facilities lis *Phosphorus(o facilities listed *Selenium(acu location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 mg/L)	150* 126	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T)	 	10 100 100 200	
*chlorophyll a the facilities lis *Phosphorus(o facilities listed *Selenium(acu location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). ronic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (n	6.5 - 9.0 mg/L)	150* 126 chronic	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron	 	10 100 100 200	
*chlorophyll a the facilities lis *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). ronic) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r	6.5 - 9.0 ng/L) acute	150* 126 chronic 0.75	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T)	 	10 100 100 200 100	
*chlorophyll a the facilities lis *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). conic) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (r Ammonia Boron	6.5 - 9.0 ng/L) acute	150* 126 chronic 0.75	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese(T)	 	10 100 100 200 100 200	
*chlorophyll a the facilities lis *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). conic) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride	6.5 - 9.0 ng/L) acute	150* 126 chronic 0.75	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese(T) Mercury(T)	 	10 100 100 200 100 200	
*chlorophyll a the facilities lis *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). conic) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chlorine	6.5 - 9.0 ng/L) acute	150* 126 chronic 0.75	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese(T) Mercury(T) Molybdenum(T)		10 100 100 200 100 200 1 60 150	
*chlorophyll a the facilities lis *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). conic) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ng/L) acute 0.2	 150* 126 chronic 0.75	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese(T) Mercury(T) Molybdenum(T) Nickel(T)		10 100 100 200 100 200 160150 200	
*chlorophyll a the facilities lis *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). conic) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (n Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0 mg/L) acute 0.2 100	 150* 126 chronic 0.75	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese(T) Mercury(T) Molybdenum(T) Nickel(T) Selenium		10 100 100 200 100 200 1 60 150 200 369*	
*chlorophyll a the facilities list *Phosphorus(c facilities listed *Selenium(acu location at 32.0 *Selenium(chr location at 32.0	sted at 32.5(4). chronic) = applies only above the at 32.5(4). ute) = See selenium assessment 6(4). conic) = See selenium assessment 6(4).	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (mathematics) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0 mg/L) acute 0.2 10010	150* 126 chronic 0.75 10==	Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese(T) Mercury(T) Molybdenum(T) Nickel(T) Selenium Silver	389*	10 100 100 200 100 200 160150 200 369*	

	5A Classifications	ng all tributaries and wetlands, from the Physical and		an isabel ivat	lonar r oroct boundary.	Motals (un/l)	
Designation Designation		Physical and	Biological	MWAT		Metals (ug/L)	chronic
Designation UP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute	Chronic
OF	Recreation E	Temperature *C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	acute	6.0		340	0.02
Qualifiers:				7.0	Arsenic(T)		0.02
		D.O. (spawning)	6.5 - 9.0	7.0	Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS(tr)	TVS
	Modification(s):			150 126	Cadmium(T)	<u>5.0</u>	TV0
•	onic) = hybrid	E. Coli (per 100 mL)		120	Chromium III		TVS
Expiration D	ate of 12/31/2021	In a second	:- ((II)		Chromium III(T) Chromium VI	50 TVS	TVS
*Uranium(ac	cute) = See 32.5(3) for details.	inorgan	ic (mg/L)	-1		TVS	TVS
		A	acute	chronic	Copper	175	WS
		Ammonia	TVS	TVS			1000
		Boron		0.75	Iron(T)	 TVC	TVS
		Chloride		250	Lead Lead(T)	TVS	
		Chlorine	0.019	0.011		<u>50</u> TVS	TVS/WS
		Cyanide	0.005		Manganese		
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05=	Molybdenum(T) Nickel	TVS	160<u>150</u> TVS
		Phosphorus		0.11			
		Sulfate		WS	Nickel(T) Selenium	≡ TVS	<u>100</u> TVS
		Sulfide		0.002	Silver	TVS	
					Uranium	172	TVS(tr) <u>16.8-30</u> ≜
					Oranium	vorioo*	10.0-30
(<u>lat/long)</u> nea	ar Burnt Mill.	ng all tributaries and wetlands, from t		onal Forest b	Zinc oundary to a point imm		TVS diversion canal
<u>(lat/long)</u> nea COARMA05	ar Burnt Mill. BB Classifications	ng all tributaries and wetlands, from t	Biological			mediately above the CF&I	diversion cana
(<u>lat/long)</u> nea COARMA05 Designation	ar Burnt Mill. BB Classifications Agriculture	Physical and	Biological DM	MWAT	oundary to a point imm	Metals (ug/L) acute	
<u>(lat/long)</u> nea COARMA05	ar Burnt Mill. BB Classifications Agriculture Aq Life Cold 1	<u> </u>	Biological DM CS-II	MWAT CS-II	oundary to a point imm	Metals (ug/L) acute	diversion cana
<u>(lat/long)</u> nea COARMA05 Designatior	ar Burnt Mill. BB Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	oundary to a point imm Aluminum Arsenic	Metals (ug/L) acute	chronic
(lat/long) nea COARMA05 Designation	ar Burnt Mill. BB Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
(lat/long) near COARMA05 Designation UP Qualifiers:	ar Burnt Mill. BB 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 Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02
(lat/long) near COARMA05 Designation UP Qualifiers:	ar Burnt Mill. BB 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 Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary	ar Burnt Mill. BB Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(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 Arsenic(T) Beryllium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro	ar Burnt Mill. BB Classifications A Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid	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 Arsenic(T) Beryllium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro	ar Burnt Mill. BB Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s):	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = 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 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5_0 50 TVS	chronic 0.02 TVS TVS TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS	chronic 0.02 TVS TVS TVS TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani Ammonia	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS WS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani Ammonia Boron	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5_0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1000
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani Ammonia Boron Chloride	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) 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 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS 50 TVS 50 TVS 50	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) 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 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) 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 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS	Chronic
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 460150
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARMA05 Designation JP Qualifiers: Other: Femporary Arsenic(chro	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS STVS WS 1000 TVS TVS/WS 0.01(+) 160150 TVS
Lat/long) nead COARMA05 Designation JP Qualifiers: Other: Femporary Arsenic(chro	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5_0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
(lat/long) near COARMA05 Designation UP Qualifiers: Other: Temporary Arsenic(chro Expiration D	ar Burnt Mill. BB Classifications A priculture Aq Life Cold 1 Recreation E Water Supply Modification(s): pnic) = hybrid rate 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) Inorgani 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==== 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS STVS WS 1000 TVS TVS/WS 0.01(+) 160150 TVS

tr = trout

COARMA06A	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	<u>=</u>
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	Inorgan	ic (mg/L)		Chromium III		TVS
Phosphorus(chronic) = applies only above the		acute	chronic	Chromium III(T)	50	
acilities listed Uranium(acu	at 32.5(4). te) = See 32.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
<u>Oraniani,aoa</u>	of the second se	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	<u>0.019</u> ⁻	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	0.05	0.05 =	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
6b. Mainstem	of the Saint Charles River from the cor	I Ifluence with Edson Arroyo to th	e confluence with t	he Arkansas	River.		
COARMA06B	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	
	Recreation E Water Supply	D.O. (mg/L)	acute	chronic 5.0			
Qualifiers:		D.O. (mg/L) pH			Arsenic	340	
				5.0	Arsenic Arsenic(T)	340	
Vater + Fish	Water Supply	рН	 6.5 - 9.0	5.0	Arsenic Arsenic(T) Beryllium	340 	0.02 -10 *
Nater + Fish Other:	Water Supply Standards Apply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS	0.02 -10 *
Vater + Fish Other: Temporary Memperature(Demo	Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	6.5 - 9.0 	5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 TVS <u>5.0</u>	0.02 -10 TVS
Vater + Fish Other: emporary Memperature(Demoditions	Water Supply Standards Apply odification(s): DM/MWAT) = "current"	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340 TVS <u>5.0</u>	0.02 -10 ' TVS TVS
Other: Temporary Memperature(Denoditions** Expiration Date	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	5.0 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340 TVS <u>5.0</u> 50	0.02-10 ' TVS TVS TVS
Vater + Fish Other: Temporary M emperature(D conditions" Expiration Dat Selenium(acu	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L) acute	5.0 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	340 TVS <u>5.0</u> 50 TVS	0.02-10 TVS TVS TVS TVS TVS
Vater + Fish Other: Temporary Memperature(Donditions* Expiration Dat Selenium(accocation at 32. Selenium(chr	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = 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 ic (mg/L) acute TVS	5.0 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS 5.0 50 TVS TVS	0.02-10 TVS TVS TVS TVS TVS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340 TVS 5.0 50 TVS TVS	0.02-10 TVS TVS TVS TVS TVS WS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = 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 ic (mg/L) acute TVS 0.019	5.0 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS	TVS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS TVS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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	5.0 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02-10 1 TVS TVS TVS TVS TVS TVS TVS TVS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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 0.005 100.05	5.0 126 chronic TVS 0.75 250 0.011 0.05==	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	0.02-10 TVS
Vater + Fish Other: Temporary Memperature(Demonditions Expiration Date Selenium(accocation at 32. Selenium(chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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 0.005 100.05	5.0 126 chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS
Vater + Fish Other: Temporary Memperature(Demonditions Expiration Date Selenium(accocation at 32. Selenium(chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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 0.005 100.05	5.0 126 chronic TVS 0.75 250 0.011 0.05=	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS	TVS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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 0.005 100.05	5.0 126 chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS
Vater + Fish Other: Temporary Memperature(Demoditions = Expiration Date Selenium (accopation at 32. Selenium (chrocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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 0.005 100.05	5.0 126 chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS 173*	TVS TVS TVS TVS TVS TVS TVS TVS
Nater + Fish Other: Temporary M emperature(D conditions ² Expiration Dat Selenium(acu ocation at 32. Selenium(chr ocation at 32.	Water Supply Standards Apply odification(s): DM/MWAT) = "current e of 12/31/2018 ute) = See selenium assessment 6(4). onic) = See selenium assessment 6(4).	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 0.005 100.05	5.0 126 chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS

tr = trout

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. Mainstem of Graneros Creek, 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	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
H. I!/	00 E(0) for details	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
<u> </u>	te) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
*! !!//	(a) O = 00 E(0) for detaile	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
"Uranium(acut	e) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05<u></u> =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

8. Deleted.							
COARMA08	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorganic (mg/L)				
			acute	chronic			
9. Mainstem o	f Greenhorn Creek, from a point imme	diately below the Greenhorn Highlin	ne (Hayden Supp	oly Ditch) div	ersion dam, to the confluer	nce with the Saint Cha	arles River.
COARMA09	Classifications	Physical and Bio	ological		1	Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		-
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Water + Fish	Standards Apply	chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Temporary M	odification(s):	Inorganic (mg/L)		Chromium III		TVS
Arsenic(chron	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Boron		0.75	Copper	TVS	TVS
	sted at 32.5(4). chronic) = applies only above the	Chloride		250	Iron		WS
facilities listed		Chlorine	0.019	0.011	Iron(T)		1000
*Uranium(acu	te) = See 32.5(3) for details.	Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> -	0.5 =	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 (t)
		Sulfate		700	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS (tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

10. Mainstem	of Sixmile Creek from the source	to the confluence with the Arkansas I	River.				
COARMA10	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
*Uranium(acu	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.5</u> -	0.5<u></u> =	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	<u>varies*</u>	
					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

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	. ,	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
KI I	-) 000 5(0) (Inorgar	ic (mg/L)		Chromium VI	TVS	TVS
· Oranium (acut	e) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
	ranium(acute) = See 32.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

COARMATTE	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium	_	
ther:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	<u>=</u>
rsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
•	te of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
<u> Uranium(acu</u>	te) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	<u>==</u>
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	100
		Sulfide		0.002	Selenium	TVS	TVS
		Camac		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
12. Mainstem	of Huerfano River from Highway 6	9 at Badito to the confluence with th	e Arkansas River.				
COARMA12	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		100 0.02-10
	rtooroation E						
Qualifiers:	redication E	pH	6.5 - 9.0		Beryllium	_	
	r concentral E		6.5 - 9.0 	 150	Beryllium Cadmium	TVS	TVS
Qualifiers: Other:	(Notice of the Control of the Contro	рН			,	TVS	
Other:	te) = See 32.5(3) for details.	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)		150	Cadmium	TVS <u>5.0</u>	=
Other:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	 ic (mg/L)	150 126	Cadmium Cadmium(T)	TVS <u>5.0</u> TVS	TVS
Other:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	 ic (mg/L) acute	150 126 chronic	Cadmium Cadmium(T) Chromium III	TVS <u>5.0</u>	=
Other:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	 ic (mg/L)	150 126 chronic TVS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS <u>5.0</u> TVS <u>50</u> TVS	TVS 100== TVS
Other:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	ic (mg/L) acute TVS	150 126 chronic TVS 0.75	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0 TVS50 TVS TVS	TVS 100 TVS TVS
Other:		pH 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	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS <u>5.0</u> TVS <u>50</u> TVS	TVS 100 TVS TVS TVS
ther:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS	150 126 chronic TVS 0.75	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS 5.0 TVS50 TVS TVS TVS	TVS 100 TVS TVS
ther:		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	150 126 chronic TVS 0.75 250 0.011	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS 5.0 TVS:::50 TVS TVS TVS TVS	TVS 100 TVS TVS WS 1000 TVS
ther:		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	150 126 chronic TVS 0.75 250 0.011	Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS 5.0 TVS 50 TVS TVS	TVS 100 TVS TVS WS 1000 TVS
ther:		pH 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	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS 5.0 TVS::::50 TVS TVS TVS TVS TVS TVS	TVS 100 TVS TVS WS 1000 TVS
ther:		pH 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 100100.5	150 126 chronic TVS 0.75 250 0.011 0.5= 0.17	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS 5.0 TVS 50 TVS TVS TVS TVS TVS TVS TVS TV	TVS 100 TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS
ther:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 100100.5	150 126 chronic TVS 0.75 250 - 0.011 0.5= = 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS 5.0 TVS:::::::::::::::::::::::::::::::::::	TVS 100::: TVS TVS WS 1000 TVS TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS
ther:		pH 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 100100.5	150 126 chronic TVS 0.75 250 0.011 0.5= 0.17	Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS 5.0 TVS	TVS 100=== TVS TVS TVS 1000 TVS TVS TVS 1000 TVS TVS TVS TVS 160150 TVS
ther:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 100100.5	150 126 chronic TVS 0.75 250 - 0.011 0.5= = 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS 100 TVS TVS WS 1000 TVS TVS TVS TVS 1000 TVS TVS 1000 TVS
ther:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 100100.5	150 126 chronic TVS 0.75 250 - 0.011 0.5= = 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS 100== TVS TVS WS 1000 TVS TVS TVS MS 1000 TVS TVS TVS 1000 TVS TVS TVS TVS TVS TVS
ther:		pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	ic (mg/L) acute TVS 0.019 0.005 100100.5	150 126 chronic TVS 0.75 250 - 0.011 0.5= = 0.17 WS	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS 100 TVS TVS WS 1000 TVS TVS TVS TVS TVS 1000 TVS 1000 TVS

tr = trout

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	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	-	-
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chronic	()	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
*! !:	-)	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
<u>"Uranium(acute</u>	e) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05=	Molybdenum(T)		160<u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

13b. Mainstem of the Cucharas River, including tributarires and wetlands from a point immediately above the confluence with Middle Creek to the point of diversion for the Walsenburg public water supply confluence with North Abeyta Creek(lat/long). 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, except for specific listings in 13a.

COARMA13B	Classifications	Physical and Bio	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg/L)		Chromium VI	TVS	TVS
he facilities lis	ited at 32.5(4).		acute	chronic	Copper	TVS	TVS
`Phosphorus(d facilities listed	chronic) = applies only above the at 32.5(4).	Ammonia	TVS	TVS	Iron		WS
'Uranium(acut	e) = See 32.5(3) for details.	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05<u></u> =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

13c. All tributa	ries and wetlands to the Cucharas ar	d Huerfano Rivers not on forest service	e lands, excep	ot for specific	listings in 13a and 13b.	i	
COARMA13C	Classifications	Physical and Biolo	gical			Metals (ug/L)	
<u>Designation</u>	<u>Agriculture</u>		<u>DM</u>	<u>MWAT</u>		<u>acute</u>	<u>chronic</u>
<u>UP</u>	Aq Life Warm 2	Temperature °C	WS-III	WS-III	<u>Aluminum</u>	=	=
	Recreation N		<u>acute</u>	chronic	Arsenic(T)	=	<u>0.02-10</u> ≜
	Water Supply	D.O. (mg/L)	=	<u>5.0</u>	Beryllium(T)	=	<u>4.0</u>
Qualifiers:		<u>pH</u>	<u>6.5 - 9.0</u>	===	Cadmium(T)	<u>5.0</u>	=
Other:		chlorophyll a (mg/m²)	=	= *	Chromium III	=	<u>TVS</u>
*DI /		E. Coli (per 100 mL)	=	<u>630</u>	Chromium III(T)	<u>50</u>	<u>=</u>
facilities listed	chronic) = applies only above the at 32.5(4).	Inorganic (m	g/L)		Chromium VI(T)	<u>50</u>	<u>100</u>
*Uranium(acut	e) = See 32.5(3) for details.		acute	chronic	Copper(T)	=	<u>200</u>
		<u>Ammonia</u>	= =	= ⁼	<u>lron</u>	=	<u>WS</u>
		<u>Boron</u>	===	<u>0.75</u>	Lead(T)	<u>50</u>	<u>100</u>
		Chloride	==	<u>250</u>	<u>Manganese</u>	=	<u>WS</u>
		Chlorine	===	= °	Mercury(T)	<u>2.0</u>	=
		<u>Cyanide</u>	<u>0.2</u>	≡ *	Molybdenum(T)	=	<u>150</u>
		<u>Nitrate</u>	<u>10</u>	==	Nickel(T)	=	<u>100</u>
		<u>Nitrite</u>	<u>1.0</u>	=⁼	Nickel(T)	=	<u>100</u>
		<u>Phosphorus</u>	===	<u>0.17*</u>	Selenium(T)	=	<u>20</u>
		<u>Sulfate</u>	= *	<u>WS</u>	Silver(T)	=	<u>100</u>
		<u>Sulfide</u>	= *	<u>0.05</u>	<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc(T)	=	<u>2000</u>

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	_	
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		7.6 <u>0.02</u>
Qualifiers:		pН	6.5 - 9.0		Beryllium	_	
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	Inorgani	c (mg/L)		Chromium III	TVS	TVS
Phosphorus(cacilities listed	chronic) = applies only above the		acute	chronic	Chromium III(T)	<u>50</u>	100
	te) = See 32.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
,		Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> -	<u>Iron</u>	=	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	100 <u>10</u>		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> ⁻	0.5<u></u> =	Manganese	TVS	TVS <u>WS</u>
		Phosphorus		0.17*	Mercury(<u>T</u>)		0.01 (t)
		Sulfate		<u>WS</u>	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

15. Mainstem of Cucharas River from the outlet of 0	Cucharas Reservoir to the confluence w	rith the Huerfa	no River.			
COARMA15 Classifications	Physical and Biolog	gical		М	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(T)		100
Qualifiers:	D.O. (mg/L)		5.0	Beryllium(T)		100
Other:	pH	6.5 - 9.0		Cadmium(T)		10
	chlorophyll a (mg/m²)			Chromium III	TVS	TVS
*Uranium(acute) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III(T)		100
	Inorganic (mg	_J /L)		Chromium VI(T)		100
		acute	chronic	Copper(T)		200
	Ammonia			Iron		
	Boron		0.75	Lead(T)		100
	Chloride			Manganese		
	Chlorine			Mercury(II)		
	Cyanide	0.2		Molybdenum(T)		160<u>150</u>
	Nitrate	100		Nickel(T)		200
	Nitrite	<u>10</u> -	10<u></u> =	Selenium(T)		20
	Phosphorus			Silver		
	Sulfate			Uranium	<u>varies*</u>	
	Sulfide			Zinc(T)		2000

16. Deleted.							
COARMA16	Classifications	Physical and	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
	•						
Qualifiers:			acute	chronic			
Other:							
		Inorgani	ic (mg/L)				
			acute	chronic			
		ands, from the source to a point imrelands, to the Huerfano River above					
	cept for the specific listings in segr					- Carrioazor Hauoriai I	
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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Γemporary M	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	c) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*Hranium/acut	e) = See 32.5(3) for details.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
Oraniumiacui	ej = See 32.3(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05<u></u> =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS

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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		_
Other:		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	* *	Inorgan	ic (mg/L)		Chromium III		TVS
•	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Uranium(acut	<u>te)</u> = See 32.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	==
		Nitrite	<u>0.5</u> -	0.5 =	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 150
		Sulfide		0.002	Nickel	TVS	TVS
		Guinas		0.002	Nickel(T)	=	100
					Selenium	= TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					O a a a a a a a a a a a a a a a a a a a	101100	1010 00
Arkansas Řive	er is located at 38.267623, -104.66	ighway 50 to Pueblo Reservoir. Unn: 8298. Mainstem of Rush Creek (Pue	eblo County) from th		the confluence with the Ark	ansas River.	TVS ce with the
Arkansas Rive	er is located at 38.267623, -104.66 Classifications		eblo County) from the	e source to	r, that flows from the south the confluence with the Ark	and whose confluence cansas River. Metals (ug/L)	ce with the
Arkansas Rive COARMA18B Designation	er is located at 38.267623, -104.66 Classifications Agriculture	8298. Mainstem of Rush Creek (Pue Physical and	eblo County) from th Biological DM	MWAT	r, that flows from the south the confluence with the Ark	and whose confluence cansas River. Metals (ug/L) acute	
Arkansas Rive COARMA18B Designation	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1	68298. Mainstem of Rush Creek (Pue	Biological DM WS-II	MWAT WS-II	r, that flows from the south the confluence with the Ark	and whose confluence cansas River. Metals (ug/L) acute	chronic
Arkansas Rive COARMA18B Designation	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E	8298. Mainstem of Rush Creek (Pue Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	r, that flows from the south the confluence with the Ark Aluminum Arsenic	and whose confluence cansas River. Metals (ug/L) acute 340	chronic
Arkansas Ŕive COARMA18B Designation Reviewable	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1	Name of Rush Creek (Pue Physical and Temperature °C D.O. (mg/L)	eblo County) from the Biological DM WS-II acute	MWAT WS-II chronic 5.0	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T)	and whose confluence cansas River. Metals (ug/L) acute	chronic
Arkansas Rive COARMA18B Designation Reviewable Qualifiers:	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	bblo County) from the Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	and whose confluence cansas River. Metals (ug/L) acute 340	chronic
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other:	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 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 5.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	and whose confluence tansas River. Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
Arkansas Říve COARMA18B Designation Reviewable Qualifiers: Other:	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	bblo County) from the Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
Arkansas Říve COARMA18B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chroni	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chronic	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	bblo County) from the 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 Arsenic(T) Beryllium Cadmium(T) Chromium III(T) Chromium VI	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	bblo County) from the 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chroni Expiration Dat	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	bblo County) from the 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS WS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	bblo County) from the 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	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	chronic 0.02 TVS TVS TVS WS 1000 TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Emporary M Arsenic(chronic Expiration Date	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the 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	r, that flows from the south the confluence with the Ark	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	chronic 0.02 TVS TVS TVS WS 1000 TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic expiration Date)	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5==	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic expiration Date)	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5= 0.17	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
COARMA18B COARMA	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 460150
COARMA18B COARMA	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5= 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 5.0 TVS TVS TVS 5.0 TVS	chronic 0.02 TVS TVS TVS STVS 1000 TVS TVS/WS 0.01(t) 160150 TVS
contraction Date in Contra	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS
COARMA18B COARMA	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	r, that flows from the south the confluence with the Ark learning the confluence learning the conf	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS 2498	chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Arkansas Rive COARMA18B Designation Reviewable Qualifiers: Other: Temporary Marsenic(chronic expiration Date)	er is located at 38.267623, -104.66 Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid er of 12/31/2021	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	bblo County) from the Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	r, that flows from the south the confluence with the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	and whose confluence cansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS

COARMA19	nd reservoirs tributary to the Arkansa Classifications	1		Spanish Peal	ks wilderness areas.	Matala (ve/L)	
	Agriculture	Pnys	sical and Biological DM	MWAT		Metals (ug/L)	chronic
Designation Reviewable	Ag Life Cold 1	Tomporatura °C	CL	CL	Aluminum	acute	Chronic
reviewable	Recreation E	Temperature °C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	acute	6.0		340	
Qualifiers:		D.O. (mg/L) D.O. (spawning)		7.0	Arsenic(T) Beryllium		0.02
		pH	6.5 - 9.0	7.0			T\/C
Other:		•		8*	Cadmium (T)	TVS(tr)	TVS
*chlorophyll a	(ug/L)(chronic) = applies only to	chlorophyll a (ug/L)			Cadmium(T)	<u>5.0</u>	
lakes and rese area.	ervoirs larger than 25 acres surface	E. Coli (per 100 mL)		126	Chromium III		TVS
*Phosphorus(d	chronic) = applies only to lakes and		1		Chromium III(T)	50 TV0	 T)/O
_	ger than 25 acres surface area. te) = See 32.5(3) for details.		Inorganic (mg/L)		Chromium VI	TVS	TVS
<u> </u>	to = 000 oz.o(o) for dotalio.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)	 TV0	1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	T\/C\\\/C
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	======================================	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
20. Pueblo Re	eservoir.						
	Classifications	Phys	sical and Biological			Metals (un/l)	
	Classifications Agriculture	Phys	sical and Biological	MWAT		Metals (ug/L)	chronic
Designation	Agriculture		DM	MWAT	Aluminum	Metals (ug/L)	chronic
		Temperature °C	DM 1/1 - 3/31 CLL varies* C	H vrico*	Aluminum Arsenic	acute	
Designation	Agriculture Aq Life Cold 1		DM		Arsenic	acute 340	
Designation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM 1/1 - 3/31 CLL varies* C 4/1 - 12/31 CLL	23.6	Arsenic Arsenic(T)	acute 340 	
Designation	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C	DM 1/1 - 3/31 CLL varies* C	23.6	Arsenic Arsenic(T) Beryllium	acute 340 	0.02
Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L)	DM 1/1 - 3/31 CLL varies* C 4/1 - 12/31 CLL	23.6 chronic	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS(tr)	0.02 TVS
Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning)	DM 1/1 - 3/31	23.6 chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 TVS(tr) 5.0	 0.02 TVS
Designation Reviewable Qualifiers: Other: Temporary M	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM 1/1 - 3/31 CLL varies* C 4/1 - 12/31 CLL acute 6.5 - 9.0	23.6 chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340 TVS(tr) 5.0	 0.02 TVS == TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chronic	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM 1/1-3/31 CLL_varies* C 4/1-12/31 CLL acute 6.5 - 9.0	chronic 6.0 7.0 5*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50	0.02 TVS == TVS
Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chronic Expiration Date)	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS dodification(s): ic) = hybrid te of 12/31/2021	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM 1/1 - 3/31 CLL varies* C 4/1 - 12/31 CLL acute 6.5 - 9.0	23.6 chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS codification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM 1/1-3/31 CLL_varies* C 4/1-12/31 CLL acute 6.5 - 9.0	chronic 6.0 7.0 5*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acust	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	DM 1/1 - 3/31	chronic 6.0 7.0 5* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	### DM ### CLL-varies* C ### CLL-varies* C ### CLL ### CLL ### acute 6.5 - 9.0 Inorganic (mg/L) acute	chronic 6.0 7.0 5* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia	DM 1/1 - 3/31 CLL CLL	chronic 6.0 7.0 5* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	### DM ### 1/4 - 3/31 CLL Varies* C ### CLL Varies* C ### CLL ### acute 6.5 - 9.0 Inorganic (mg/L) ### acute TVS	chronic 6.0 7.0 5* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS WS 1000 TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride	DM 1/1 - 3/31 CLL varies* C CLL varies* C CLL CLL	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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	DM 1/1 - 3/31 CLL varies* C CLL varies	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS 0.01(+)
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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	DM	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS 460150
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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	DM	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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	DM 1/1 - 3/31 CLL varies* C CLL varies	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 0.05=	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01(t) 160150 TVS
Designation Reviewable Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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	DM 1/1 - 3/31 CLL varies* C CLL varies	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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 Sulfate	DM 1/1 - 3/31 CLL CLL	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS TVS
Qualifiers: Other: Temporary M. Arsenic(chroni Expiration Dat *chlorophyll a location at 32. *Uranium(acut *Temperature DM=CLL and	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS lodification(s): ic) = hybrid te of 12/31/2021 (ug/L)(chronic) = See assessment 6(4). te) = See 32.5(3) for details. MWAT=CLL from 1/1-3/31	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	DM 1/1 - 3/31 CLL varies* C CLL varies	chronic 6.0 7.0 5* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

tr = trout

COARMA21	Classifications	Physical and I	Rinlogical			Metals (ug/L)	
Designation	Agriculture	i nysicai ana i	DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WL	WL	Aluminum	acute	CHIOTHC
rteviewabie	Recreation E	Temperature C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0		340	0.02
Qualifiers:	,	pH	6.5 - 9.0	J.0 	Arsenic(T) Beryllium		0.02
Other:		chlorophyll a (ug/L)	0.5 - 9.0	20*	Cadmium		TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	TVS(tr)	
	(ug/L)(chronic) = applies only to lakes	,, ,		120	Chromium III	<u>5.0</u> 	TVS
	s larger than 25 acres surface area. chronic) = applies only to lakes and	Inorgani	• • •	ahrania	Chromium III(T)	50	
reservoirs larg	ger than 25 acres surface area.	A !	acute	chronic	Chromium VI	TVS	TVS
*Uranium(acu	<u>te) = See 32.5(3) for details.</u>	Ammonia	TVS	TVS		TVS	TVS
		Boron		0.75	Copper	173	WS
		Chloride		250	Iron		
		Chlorine	0.019	0.011	Iron(T)		1000 T) (0
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=== T) (0.44/0
		Nitrite	<u>0.5</u> ⁻	0.5 ===	Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury T		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS (tr)
					Uranium	varies*	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
	and reservoirs tributary to the Saint Cha			bove the CF	I diversion canal near Bu	rnt Mill.	TVS
COARMA22	Classifications	arles River from the source to a p	Biological		I diversion canal near Bu	rnt Mill. Metals (ug/L)	
COARMA22 Designation	Classifications Agriculture	Physical and I	Biological DM	MWAT	&I diversion canal near Bu	rnt Mill.	TVS
COARMA22	Classifications Agriculture Aq Life Cold 1		Biological DM CL	MWAT CL	Al diversion canal near Bu	rnt Mill. Metals (ug/L) acute	chronic
COARMA22 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I	Biological DM CL acute	MWAT CL chronic	Aluminum Arsenic	mt Mill. Metals (ug/L) acute 340	chronic
COARMA22 Designation UP	Classifications Agriculture Aq Life Cold 1	Physical and I Temperature °C D.O. (mg/L)	Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
COARMA22 Designation UP Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02
COARMA22 Designation UP	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I 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 Arsenic(T) Beryllium Cadmium	mt Mill. Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes	Physical and I 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 Arsenic(T) Beryllium Cadmium(T)	mt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS ==
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	Physical and I 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 Arsenic(T) Beryllium Cadmium(T) Chromium III	mt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	mt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CL acute 6.5 - 9.0 c (mg/L)	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	rnt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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 c (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	rnt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	Chronic 0.02 TVS TVS TVS
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	rnt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	Chronic
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Al diversion canal near Bu Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS (TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1000
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	rnt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	Chronic
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Total Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS	Chronic 0.02 TVS T
Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(treservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	rnt Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS WS 1000 TVS
COARMA22 Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	Biological DM CL acute 6.5 - 9.0 c (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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Total Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
Designation UP Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(treservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	Biological DM CL acute 6.5 - 9.0 c (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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS 50 T	chronic 0.02 TVS TVS TVS TVS TVS TVS TV
COARMA22 Designation UP Qualifiers: Other: Chlorophyll a and reservoirs Phosphorus(creservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	Biological DM CL acute 6.5 - 9.0 c (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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS 50 TVS TVS 50 TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
COARMA22 Designation UP Qualifiers: Other: Chlorophyll a and reservoirs Phosphorus(creservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	DM CL acute 6.5 - 9.0 C (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS 50 T	chronic 0.02 TVS TVS TVS TVS TVS TVS TV
COARMA22 Designation JP Qualifiers: Other: Inchlorophyll a and reservoirs Phosphorus(reservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	MWAT CL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05= 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	rot Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARMA22 Designation UP Qualifiers: Other: Chlorophyll a and reservoirs Phosphorus(creservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	rot Mill. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARMA22 Designation UP Qualifiers: Other: Chlorophyll a and reservoirs Phosphorus(creservoirs largers)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	Physical and I 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	Biological DM CL acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS*	D.O. (spawning)		7.0	Beryllium	_	
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(E. Coli (per 100 mL)		126	Chromium III		TVS
	(ug/L)(chronic) = applies only to lakes alorger than 25 acres surface area.				Chromium III(T)	50	
Classification Reservoir	: DUWS Applies only to Beckwith	Inorganic	(mg/L)		Chromium VI	TVS	TVS
Phosphorus(chronic) = applies only to lakes and		acute	chronic	Copper	TVS	TVS
	per than 25 acres surface area. te) = See 32.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
Oramomiaco	<u>le) = Gee 32.3(3) für details.</u>	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

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 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50	
	te) = See 32.5(3) for details.	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
·			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

COARMA25	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		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium	-		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS	
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS	
Phosphorus(chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50		
	te) = See 32.5(3) for details.	Inorgani	c (mg/L)		Chromium VI	TVS	TVS	
,			acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron		WS	
		Boron		0.75	Iron(T)		1000	
		Chloride		250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=	
		Cyanide	0.005		Manganese	TVS	TVS/WS	
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)	
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>	
		Phosphorus		0.025*	Nickel	TVS	TVS	
		Sulfate		WS	Nickel(T)	=	<u>100</u>	
		Sulfide		0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS(tr)	
					Uranium	varies*	<u>16.8-30</u>	
					Zinc	TVS	TVS	

COARMA26	Classifications	Physi	ical and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL Varian*	CLL variant	Aluminum	_	
	Recreation E	Temperature °C	4/1 - 12/31	CLL *	18.8*	Arsenic	340	
	Water Supply	Temperature °C	4/1 - 12/31	CLL*	21.7*	Arsenic(T)		0.02
	DUWS	Temperature °C		CL*	CL*	Beryllium	_	
Qualifiers:						Cadmium	TVS(tr)	TVS
Other:				acute	chronic	Cadmium(T)	<u>5.0</u>	=
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	D.O. (mg/L)			6.0	Chromium III		TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	D.O. (spawning)			7.0	Chromium III(T)	50	
	chronic) = applies only to lakes and ler than 25 acres surface area.	pН		6.5 - 9.0		Chromium VI	TVS	TVS
	te) = See $32.5(3)$ for details.	chlorophyll a (ug/L)			8*	Copper	TVS	TVS
	(4/1 - 12/31) = Horseshoe (DM=CLL	E. Coli (per 100 mL)			126	Iron		WS
	LL from 1/1-3/31, DM= CLL and from 4/1-12/31.					Iron(T)		1000
<u> ∕artin DM=Ć</u>	LL and MWAT=CLL from 1/1-3/31, MWAT=21.7 from 4/1-12/31.		Inorganic (mg/	L)		Lead	TVS	TVS
	DM=CL and MWAT=CL			acute	chronic	Lead(T)	<u>50</u>	=
Temperature	(4/1 - 12/31) = Martin (MWAT=21.7)	Ammonia		TVS	TVS	Manganese	TVS	TVS/WS
Temperature	= Walsenburg (MWAT=CL)	Boron			0.75	Mercury(T)		0.01 (t)
		Chloride			250	Molybdenum(T)		160 <u>150</u>
		Chlorine		0.019	0.011	Nickel	TVS	TVS
		Cyanide		0.005		Nickel(T)	<u>=</u>	<u>100</u>
		Nitrate		10		Selenium	TVS	TVS
		Nitrite		<u>0.05</u> -	0.05 =	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium	varies*	<u>16.8-30</u>
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			

27. Teller Res	ervoir						
COARMA27	Classifications	Physical and I	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)	_	0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)	_	<u>8*</u>	Chromium III	_	TVS
'chlorophyll a and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)	_	126	Chromium III(T)	50	
Phosphorus(chronic) = applies only to lakes and er than 25 acres surface area.				Chromium VI	TVS	TVS
eservoirs rarg	er than 25 acres surface area.	Inorgani	c (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron	_	WS
		Ammonia	TVS	TVS	Iron(T)	_	1000
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury	_	0.01(t)
		Cyanide	0.005		Molybdenum(T)	_	160
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Selenium	TVS	TVS
		Phosphorus		0.025*	Silver	TVS	TVS(tr)
		Sulfate		WS	Uranium		
		Sulfide		0.002	Zinc	TVS	TVS

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	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рH	6.5 - 9.0		Beryllium	_	
Other:		chlorophyll a (mg/m²)			Cadmium	TVS(tr)	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
<u>Uranium(acu</u>	te) = See 32.5(3) for details.	Inorgan	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> ⁻	0.5<u></u> =	Manganese	TVS	TVS/WS
		Phosphorus			Mercury <u>(T)</u>		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS (tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

in segment 1b COARFO01A	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	,, p	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	T.	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	re e ()	chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	==
	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chroni	e of 12/31/2021				Chromium III(T)	50	
	e 01 12/31/2021	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Uranium(acut	te) = See 32.5(3) for details.	inorgan	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
					Lead	TVS	TVS
		Chloride Chlorine	0.019	250 0.011	Lead(T)	5 <u>0</u>	
		Cyanide	0.019		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite			Molybdenum(T)		460 <u>150</u>
			<u>0.05</u> ⁻	0.05=====	Nickel	TVS	TVS
		Phosphorus Sulfate		0.11 WS	Nickel(T)		100
		Sulfide			Selenium	TVS	TVS
		Suilide		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
1h Covery Cr	ook and all tributarion from the an	urce to a point just upstream of where	LIS Forget Service	o Bood 220		170	173
	Classifications	Physical and		e Road 330 t		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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	<u>'</u>	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	ug a ()	chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	
Temporary M Arsenic(chroni	odification(s):	E. Coli (per 100 mL)		126	Chromium III	<u> </u>	TVS
•	e of 12/31/2021	, ,			Chromium III(T)	50	
Expiration Dat	e 01 12/31/2021	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Uranium(acut	te) = See 32.5(3) for details.	inorgan	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		I DOIOII			Lead	TVS	TVS
					Load	1 4 0	1 40
		Chloride	0.019	250	Lead(T)	50	
		Chloride Chlorine	0.019	0.011	Lead(T) Manganese	<u>50</u> TVS	=== TVS/WS
		Chloride Chlorine Cyanide	0.019 0.005	0.011	Manganese	TVS	TVS/WS
		Chloride Chlorine Cyanide Nitrate	0.019 0.005 10	0.011	Manganese Mercury(T)	TVS 	TVS/WS 0.01 (t)
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 <u>0.05</u> -	0.011 0.05===================================	Manganese Mercury(T) Molybdenum(T)	TVS 	TVS/WS 0.01 (t) 460 <u>150</u>
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 <u>0.05</u> -	0.011 0.05= = 0.11	Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS	TVS/WS 0.01 (t) 160 <u>150</u> TVS
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u>	0.011 0.05 = 0.11 WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS TVS ==	TVS/WS 0.01 (t) 160150 TVS 100
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 <u>0.05</u> -	0.011 0.05= = 0.11	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS == TVS	TVS/WS 0.01(+) 160150 TVS 100 TVS
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u>	0.011 0.05 = 0.11 WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS TVS TVS TVS	TVS/WS 0.01(t) 160150 TVS 100 TVS TVS(tr)
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u>	0.011 0.05 = 0.11 WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS == TVS	TVS/WS 0.01(t) 160150 TVS 100 TVS

tr = trout

D.O. = dissolved oxygen

COAREOUSA	Classifications			.o a ponit iiiii	nediately above the Sta		
		Physical and		1014/A T		Metals (ug/L)	
Designation	Agriculture Ag Life Warm 2		DM	MWAT		acute	chronic
Reviewable	Recreation E	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply	D O (/)	acute	chronic	Arsenic	340	0.00.40./
Qualifiers:	water cuppiy	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10
		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
¹l Iranium(acu	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	
Oramamiaca	<u>ne) = 000 02.0(0) for details.</u>	Inorgan	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> -	0.5<u></u> =	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 (t)
		Sulfate		290 <u>WS</u>	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	4.8 <u>TVS</u>
					Silver	TVS	TVS
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
2b. Mainstem	of Fountain Creek from a point im	mediately above the State Highway	47 Bridge to the co	onfluence with		TVS	
	of Fountain Creek from a point im Classifications	mediately above the State Highway Physical and		onfluence with			
COARFO02B	Classifications Agriculture	Ĭ		onfluence with		TVS	
COARFO02B Designation	Agriculture Aq Life Warm 2	Ĭ	Biological			TVS Metals (ug/L)	TVS
COARFO02B Designation	Agriculture Aq Life Warm 2 Recreation E	Physical and	Biological DM	MWAT	the Arkansas River.	TVS Metals (ug/L)	chronic
COARFO02B Designation Reviewable	Agriculture Aq Life Warm 2	Physical and	Biological DM WS-II	MWAT WS-II	the Arkansas River.	TVS Metals (ug/L) acute	chronic
	Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	the Arkansas River. Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COARFO02B Designation Reviewable Qualifiers:	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	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
COARFO02B Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Warm 2 Recreation E Water Supply	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 Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02-10 /
COARFO02B Designation Reviewable Qualifiers: Other:	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)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02-10 / TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	TVS Metals (ug/L) acute 340 TVS 5.0	chronic 0.02-10 / TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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 ic (mg/L)	MWAT WS-II chronic 5.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS Metals (ug/L) acute 340 TVS 5.0	Chronic 0.02-10 / TVS TVS TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50	Chronic 0.02-10 / TVS TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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) Inorgani	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT WS-II chronic 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS	TVS chronic 0.02-10 ' TVS TVS TVS TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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) 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	TVS chronic 0.02-10 / TVS TVS TVS TVS TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02-10 ' TVS TVS TVS TVS TVS TVS TVS TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02-10 TVS TVS TVS TVS TVS TVS TVS TV
COARFO02B Designation Reviewable Qualifiers: Other:	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) 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS chronic 0.02-10 / TVS TVS TVS TVS TVS WS 33004350
COARFO02B Designation Reviewable Qualifiers: Other:	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) 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS	TVS chronic 0.02-10 / TVS TVS TVS TVS TVS TVS TVS TV
COARFO02B Designation Reviewable Qualifiers:	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) 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 0.005 100.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 =	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	TVS chronic 0.02-10 TVS TVS TVS TVS TVS TVS TVS TV
COARFO02B Designation Reviewable Qualifiers:	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	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 = 485362	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS	TVS chronic 0.02-10 TVS TVS TVS TVS TVS TVS TVS TV
COARFO02B Designation Reviewable Qualifiers: Other:	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) 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 0.005 100.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 =	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	TVS chronic 0.02-10 TVS TVS TVS TVS TVS TVS TVS TV
COARFO02B Designation Reviewable Qualifiers: Other:	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	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 = 485362	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02-10 TVS
COARFO02B Designation Reviewable Qualifiers: Other:	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	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 = 485362	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 42-315.4	TVS chronic 0.02-10 TVS TVS TVS TVS TVS TVS TVS TV
COARFO02B Designation Reviewable Qualifiers: Other:	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	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5 = 485362	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02-10 TVS

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.

segment 3b.	a.						
	Classifications	Physical and				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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chronic	()	E. Coli (per 100 mL)		126	Chromium III		TVS
•	e of 12/31/2021				Chromium III(T)	50	
) 0 00 7(0) (1 1 1 1	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
<u>'Uranium(acute</u>	e) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	<u>=</u>	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS

COARFO03B	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	. ,	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
<u>Oranium(acut</u>	<u>se) = See 32.5(3) for details.</u>		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05=	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

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 Monument Creek to the confluence with the Arkansas River, except for specific listings in segments 5 and 6. COARFO04 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 Water Supply 0.02-10 A D.O. (mg/L) 5.0 Arsenic(T) Qualifiers: 6.5 - 9.0 рΗ Bervllium 150* chlorophyll a (mg/m2) Cadmium TVS TVS Other: E. Coli (per 100 mL) 126 Cadmium(T) 5.0 *chlorophyll a (mg/m²)(chronic) = applies only above Chromium III TVS Inorganic (mg/L) the facilities listed at 32.5(4) *Phosphorus(chronic) = applies only above the Chromium III(T) 50 acute chronic facilities listed at 32.5(4). TVS TVS Chromium VI TVS TVS Ammonia Uranium(acute) = See 32.5(3) for details. 0.75 Copper TVS TVS Boron WS Iron Chloride 250 Iron(T) 1000 Chlorine 0.019 0.011 Lead TVS TVS Cyanide 0.005 Nitrate 10 Lead(T) 50 Manganese TVS/WS TVS Nitrite ---0.5 0.5___= Mercury(T) 0.01(t) Phosphorus 0.17* Sulfate WS Molybdenum(T) 160150 Nickel **TVS** TVS Sulfide 0.002 Nickel(T) <u>100</u> Selenium TVS TVS TVS Silver TVS Uranium ---<u>16.8-30</u> ≜ varies* Zinc **TVS** TVS 5. Marshland on Nash Property (60 acres at 13030 Old Pueblo Road, El Paso County) located in Section 28 T16S R65W; at (lat/long): 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 \$1/2,

COARFO05	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 N		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100 <u>7.6</u>
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
<u>Uranium(acute) = See 32.5(3) for details.</u>		E. Coli (per 100 mL)		630	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.5</u> -	0.5<u></u> =	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	
					Zinc	TVS	TVS

		of National Forest lands to the		ппані Стеек.	Ī	BB - (- 1 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2	
COARFO06	Classifications	Physical and				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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 -10 A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Nater + Fish	Standards Apply	chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Chromium III		TVS
he facilities lis	sted at 32.5(4).		acute	chronic	Chromium III(T)	50	
Phosphorus(acilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Copper(acute	e) = Copper BLM -based Fixed	Boron		0.75	Copper	<u>TVS*</u>	TVS*
	nchmark (FMB) = 28.4µg/L for a subsegment of	Chloride		250	Copper	TVS*	<u>TVS*</u>
Monument Cre	eek from immediately above the Tri-	Chlorine	0.019	0.011	Iron		WS
₋akes Wastev 3ate Boulevai	vater Treatment Facility to the North	Cyanide	0.005		Iron(T)		1000
Copper(chror	nic) = Copper BLM -based Fixed	Nitrate	10		Lead	TVS	TVS
	nchmark (FMB) = 17.8µg/L for a subsegment of	Nitrite	<u>0.5</u> -	0.5 =	Lead(T)	<u>50</u>	=
Monument Cre	eek from immediately above the Tri-	Phosphorus		0.17*	Manganese	TVS	TVS/WS
₋akes vvastev Gate Boulevai	vater Treatment Facility to the North rd Bridge.	Sulfate		WS	Mercury(T)		0.01 (t)
	te) = See 32.5(3) for details.	Sulfide		0.002	Molybdenum(T)		160 <u>150</u>
		Sullide		0.002	Nickel	TVS	TVS
					Nickel(T)		100
						TVS	TVS
					Selenium		
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
7- Dil	Danasaia Millaus Cariana Barad #4	d William Carrie as Daniel #0			Zinc	TVS	TVS
	Reservoir, Willow Springs Pond #1, and Classifications	Physical and	Riological			Metals (ug/L)	
Designation		i nysicai ana	DM	MWAT			
JP						acuto	chronic
	- -	Temperature °C			Aluminum	acute	chronic
	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		-
	Aq Life Warm 2 Recreation E	·	WL acute	WL	Arsenic	 340	
	Aq Life Warm 2	D.O. (mg/L)	WL acute	WL chronic 5.0	Arsenic Arsenic(T)	340 	-
Qualifiers:	Aq Life Warm 2 Recreation E Water Supply	D.O. (mg/L)	WL acute	WL chronic 5.0	Arsenic Arsenic(T) Beryllium	340 	 0.02
Qualifiers: Water + Fish	Aq Life Warm 2 Recreation E	D.O. (mg/L) pH chlorophyll a (mg/m²)	WL acute	WL chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium	340 	
Qualifiers:	Aq Life Warm 2 Recreation E Water Supply	D.O. (mg/L)	WL acute	WL chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 	0.02 TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WL acute 6.5 - 9.0	WL chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS	0.02 TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WL acute 6.5 - 9.0 	WL chronic 5.0	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 TVS <u>5.0</u>	0.02 — TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	WL acute 6.5 - 9.0 ic (mg/L)	WL chronic 5.0 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 340 TVS <u>5.0</u>	 0.02 TVS == TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WL acute 6.5 - 9.0 ic (mg/L) acute	WL chronic 5.0 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	 340 TVS <u>5.0</u> 50	
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	WL acute 6.5 - 9.0 ic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS 5.0 50 TVS	
Qualifiers: Water + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	WL acute 6.5 - 9.0 ic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	WL acute 6.5 - 9.0 ic (mg/L) acute TVS	WL chronic 5.0 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340 TVS 5.0 50 TVS TVS	
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS	
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	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	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS TVS	
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 TVS 5.0 50 TVS TVS TVS 50	
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS	
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 460150
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	WL chronic 5.0 126 chronic TVS 0.75 250 0.011 0.5	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 TVS 5_0 50 TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS TVS
Qualifiers: Vater + Fish Other:	Aq Life Warm 2 Recreation E Water Supply Standards Apply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	WL acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.5	WL chronic 5.0 126 Chronic TVS 0.75 250 0.011 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 TVS 5_0 50 TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS

tr = trout

D.O. = dissolved oxygen

COARFOU/B	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Fish Ingestio	n Standards Apply	рН	6.5 - 9.0		Beryllium	_	
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorgan	ic (mg/L)		Chromium III(T)		100
Phosphorus(chronic) = applies only to lakes and		acute	chronic	Chromium VI	TVS	TVS
_	er than 25 acres surface area. te) = See 32.5(3) for details.	Ammonia	TVS	TVS	Copper	TVS	TVS
Oraniumiacu	<u>le) = See 32.3(3) für details.</u>	Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 150
		Nitrite	<u>0.5</u> -	0.5 =	Nickel	TVS	TVS
		Phosphorus	<u>0.0</u>	0.083*	Selenium	TVS	TVS
					Silver	TVS	TVS
		Sulfate			Uranium		173
		Sulfide		0.002	Zinc	<u>varies*</u> TVS	TVS
	d reservoirs tributary to the mainstem of	or realitable erection from the eeds	oo to a point illilloc	ilatory above	the confidence with Monai	mont order, encopt to	
n segment 9.	Classifications	Physical and		nately above	T	Metals (ug/L)	
n segment 9.	·	1		MWAT	T		•
n segment 9. COARFO08 Designation	Classifications	1	Biological	-	T	Metals (ug/L)	•
n segment 9. COARFO08 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM	MWAT		Metals (ug/L)	•
n segment 9. COARFO08 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and	Biological DM CL	MWAT CL	Aluminum	Metals (ug/L) acute	chronic
n segment 9. COARFO08 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CL acute	MWAT CL chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
n segment 9. COARFO08 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM CL acute	MWAT CL chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
n segment 9. COARFO08 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CL acute	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02
n segment 9. COARFO08 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS*	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CL acute 6.5 - 9.0	MWAT CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s):	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 Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s):	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 Arsenic(T) Beryllium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Data chlorophyll a and reservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes 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	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Dat chlorophyll a and reservoirs Classification	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. : DUWS applies to Big Tooth	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 ic (mg/L) acute	MWAT CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Data and reservoirs Classification Reservoir, Lal Phosphorus(Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth the Moraine, Woodmoor Lake 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 sic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000
COARFO08 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data Classification Classification Reservoirs, Lake Phosphorus(eservoirs largeservoirs largeservo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride	Biological DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	Chronic 0.02 TVS
COARFO08 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data Classification Classification Reservoirs, Lake Phosphorus(eservoirs largeservoirs largeservo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth the Moraine, Woodmoor Lake 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	Biological DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS WS 1000
COARFO08 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data Classification Classification Reservoirs, Lake Phosphorus(eservoirs largeservoirs largeservo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride	Biological DM CL acute 6.5 - 9.0 sic (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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Data chlorophyll a and reservoirs Classification Phosphorus(eservoirs largeservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CL acute 6.5 - 9.0 sic (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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Data chlorophyll a and reservoirs Classification Phosphorus(eservoirs largeservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05==	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t)
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Temporary Marsenic(chron Expiration Data chlorophyll a and reservoirs Classification Phosphorus(eservoirs largeservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARFO08 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron Expiration Data Classification Classification Reservoirs, Lake Phosphorus(eservoirs largeservoirs largeservo	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL acute 6.5 - 9.0 cute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05==== 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS S TVS S 1000 TVS TVS/WS 0.01(t) 160150 TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron Expiration Data and reservoirs Classification Phosphorus(eservoirs largeservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CL acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS
n segment 9. COARFO08 Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron Expiration Data and reservoirs Classification Phosphorus(eservoirs largeservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* odification(s): ic) = hybrid e of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : DUWS applies to Big Tooth (se Moraine, Woodmoor Lake chronic) = applies only to lakes and ler 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CL acute 6.5 - 9.0 cute TVS 0.019 0.005 10 0.05	MWAT CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05==== 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS S 1000 TVS S TVS/WS 0.01(t) 460150 TVS

COARFO09	Classifications	Physical and Bi	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	DUWS*	D.O. (spawning)		7.0	Beryllium		
Qualifiers:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other:		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	==
		E. Coli (per 100 mL)		126	Chromium III		TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.				Chromium III(T)	50	
	: All reservoirs=DUWS	Inorganic	(ma/L)		Chromium VI	TVS	TVS
	chronic) = applies only to lakes and	- J	acute	chronic	Copper	TVS	TVS
•	er than 25 acres surface area. te) = See 32.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
<u>Oramamiacai</u>	<u> </u>	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.019		Manganese	TVS	TVS/WS
		•			Mercury(T)		0.01 (t)
		Nitrate	10		7		
		Nitrite	<u>0.05</u> ⁻	0.05===================================	Molybdenum(T)	TVS	160 150 TVS
		Phosphorus		0.025*	Nickel Nickel (T)		
		Sulfate		WS	Nickel(T)	== T. (0	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS
	nd reservoirs tributary to Fountain Cre tt Creek to the confluence with the Ark				Le Academy lands from a	point immediately above	
			tings in Segment		Le Academy lands from a	point immediately above	
vith Monumer	nt Creek to the confluence with the Ark	ansas River, except for specific lis	tings in Segment		Le Academy lands from a	point immediately aboves	
vith Monumer COARFO10 Designation	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1	ansas River, except for specific lis	tings in Segment ological	11. This seg	Le Academy lands from a	point immediately abov Reservoir. Metals (ug/L)	ve the conflue
vith Monumer COARFO10 Designation	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E	ansas River, except for specific lis Physical and Bi	tings in Segment ological DM	11. This seg	ee Academy lands from a ment includes Rampart F	point immediately above Reservoir. Metals (ug/L) acute	ve the conflue
vith Monumer COARFO10 Designation	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	ansas River, except for specific lis Physical and Bi	tings in Segment tological DM CL,CLL	MWAT CL,CLL	ce Academy lands from a ment includes Rampart F	point immediately above Reservoir. Metals (ug/L) acute	chronic
vith Monumer COARFO10 Designation Reviewable	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E	ansas River, except for specific lis Physical and Bi Temperature °C	tings in Segment ological DM CL,CLL acute	MWAT CL,CLL chronic	ee Academy lands from a ment includes Rampart F Aluminum Arsenic	point immediately above Reservoir. Metals (ug/L) acute 340	chronic
vith Monumer	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L)	tings in Segment tological DM CL,CLL acute	MWAT CL,CLL chronic 6.0	Aluminum Arsenic Arsenic(T)	point immediately above Reservoir. Metals (ug/L) acute 340	chronic
vith Monumer COARFO10 Designation Reviewable	nt 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)	tings in Segment tological DM CL,CLL acute	MWAT CL,CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	point immediately aboves Reservoir. Metals (ug/L) acute 340	chronic 0.02
vith Monumer COARFO10 Designation Reviewable Qualifiers:	nt 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	tings in Segment clogical DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
vith Monumer COARFO10 Designation Reviewable Rualifiers: Other:	nt 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) pH chlorophyll a (ug/L)	tings in Segment tological DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
coarron Monumer coarron coarron designation deviewable dualifiers: Other: chlorophyll a nd reservoirs Classification	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. : Rampart Reservoir = DUWS	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	tings in Segment clogical DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
coarron Monumer coarron coarro	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and	Ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	tings in Segment clogical DM CL,CLL acute 6.5 - 9.0	MWAT CL,CLL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50	chronic 0.02 TVS TVS
coarron coarro	nt Creek to the confluence with the Ark Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. : Rampart Reservoir = DUWS	Ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	tings in Segment ological DM CL,CLL acute 6.5 - 9.0 (mg/L)	MWAT CL,CLL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50 TVS	chronic 0.02 TVS TVS
coarron coarro	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic	tings in Segment cological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
coarron coarro	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron	itings in Segment cological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS WS
coarron coarro	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	tings in Segment ological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS
coarron coarro	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	ings in Segment ological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS 0.019	MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1000
coarrousers coarr	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	tings in Segment tological DM CL,CLL acute 6.5 - 9.0 (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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS TVS TVS 50	chronic 0.02 TVS TVS TVS TVS STVS TVS TVS TVS TVS TVS TV
coarron coarro	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	tings in Segment ological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 10	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50 TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
coarrousers coarr	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C 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	tings in Segment ological DM CL,CLL acute 6.5 - 9.0 TVS 0.019 0.005 100.05	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.05 =	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS S TVS US 1000 TVS TVS/WS 0.01(t) 160150
coarron coa	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	tings in Segment tological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	ve the conflue chronic 0.02 TVS TVS TVS STVS TVS STVS US 1000 TVS TVS/WS 0.01(#) 160150 TVS
esignation eviewable ualifiers: chlorophyll a nd reservoirs classification chosphorus(classification	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C 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	tings in Segment tological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS STVS 1000 TVS STVS TVS TVS TVS TVS TVS TVS TVS TV
coarron coa	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	tings in Segment tological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS S TVS S TVS US 1000 TVS TVSWS 0.01(+) 160150 TVS 1000 TVS
coarron coa	Agriculture Aq Life Cold 1 Recreation E Water Supply DUWS* (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. : Rampart Reservoir = DUWS chronic) = applies only to lakes and ler than 25 acres surface area.	ansas River, except for specific lis Physical and Bi Temperature °C 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	tings in Segment tological DM CL,CLL acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	11. This seg MWAT CL,CLL chronic 6.0 7.0 8* 126 Chronic TVS 0.75 250 0.011 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	point immediately above Reservoir. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	ve the conflue chronic 0.02 TVS TVS TVS STVS TVS TVS TVS TVS TVS TV

tr = trout

D.O. = dissolved oxygen

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	ogical		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 -10 A
	DUWS*	pH	6.5 - 9.0		Beryllium		
Qualifiers:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
Water + Fish	Standards Apply	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Other:		Inorganic (m	g/L)		Chromium III		TVS
*chlorophyll a	(ug/L)(chronic) = applies only to lakes		acute	chronic	Chromium III(T)	50	
and reservoirs	larger than 25 acres surface area.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	: DUWS applies to Lower Reservoir, voir, Unknown Reservoir at -	Boron		0.75	Copper	TVS	TVS
	3.70939, Gold Camp Reservoir, South	Chloride		250	Iron		WS
*Phosphorus(chronic) = applies only to lakes and	Chlorine	0.019	0.011	Iron(T)		1000
	ger than 25 acres surface area.	Cyanide	0.005		Lead	TVS	TVS
<u>"Uranium(acu</u>	te) = See 32.5(3) for details.	Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> -	0.5<u></u> =	Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>
		Sulfide			Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

COARLA01A	Classifications	Physi	ical and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	1/1 - 11/30	WS-	WS-	Aluminum	_	
	Recreation E	Temperature °C	12/1 - 12/31	21.5	20.7	Arsenic	340	
	Water Supply					Arsenic(T)		0.02-10 A
Qualifiers:				acute	chronic	Beryllium	_	
Other:		D.O. (mg/L)			5.0	Cadmium	TVS	TVS
Temporary Me	odification(s):	рН		6.5 - 9.0		Cadmium(T)	<u>5.0</u>	=
' '	h) = existing quality	chlorophyll a (mg/m²)				Chromium III		TVS
Sulfate(chronic	c) = existing quality	E. Coli (per 100 mL)			126	Chromium III(T)	50	
Expiration Dat	e of 12/31/2018		Inorganic (mg/	L)		Chromium VI	TVS	TVS
*! !ranium/aaut	e) = See 32.5(3) for details.			acute	chronic	Copper	TVS	TVS
*Temperature		Ammonia		TVS	TVS	Iron		WS
DM=WS-II and	MWAT=WS-II from 1/1-11/30	Boron			0.75	Iron(T)		2800
DIVI= 21.5 and	MWAT=20.7 from 12/1-12/31	Chloride			250	Lead	TVS	TVS
		Chlorine		0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide		0.005		Manganese	TVS	TVS/WS
		Nitrate		10		Mercury(II)		0.01 (t)
		Nitrite		<u>0.5</u> -	0.5 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus				Nickel	TVS	TVS
		Sulfate			329	Nickel(T)	=	<u>100</u>
		Sulfide			0.002	Selenium	19.1	14.1
						Silver	TVS	TVS
						Uranium	varies*	<u>16.8-30</u> ≜
						Zinc	TVS	TVS

COARLA01B	Classifications	Physical and B	ological		I	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish	Standards Apply	chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Temporary Mo	odification(s):	Inorganic	(mg/L)		Chromium III		TVS
Arsenic(chroni	c) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Date	e of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Discharger Sp	ecific Variance(s):	Boron		0.75	Copper	TVS	TVS
Selenium(acut	e) = TVS:no limit	Chloride		250	Iron		WS
Selenium(chro	nic) = TVS:0.37 lbs/day	Chlorine	0.019	0.011	Iron(T)		1950
Expiration Date	e of 12/31/2026	Cyanide	0.005		Lead	TVS	TVS
*Uranium(acut	e) = See 32.5(3) for details.	Nitrate	10		Lead(T)	<u>50</u>	=
	enium = 0.37 lbs /day as a 12-month	Nitrite	<u>0.5</u> -	0.5 =	Manganese	TVS	TVS/WS
rolling average	e. See 32.6(6) for details.	Phosphorus			Mercury(II)		0.01 (t)
		Sulfate		902	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рH	6.5 - 9.0		Beryllium		
Nater + Fish	Standards Apply	chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Γemporary M	lodification(s):	Inorgar	nic (mg/L)		Chromium III		TVS
Arsenic(chron	ic) = hybrid		acute	chronic	Chromium III(T)	50	
Expiration Dat	te of 12/31/2021	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Uranium(acu	te) = See 32.5(3) for details.	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		<u>Lead(T)</u>	<u>50</u>	=
		Nitrite	<u>0.5</u> -	0.5 =	Manganese	TVS	TVS/190
		Phosphorus			Mercury(T)		0.01 (t)
		Sulfate		1900	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Uranium Zinc	<u>varies*</u> TVS	<u>16.8-30</u> TVS
	ries to the Arkansas River, including	wetlands, from the Colorado Cana	al headgate to the C	Colorado/Kans	Zinc	TVS	TVS
hrough 9b, ar	ries to the Arkansas River, including nd Middle Arkansas Basin listings. Classifications	wetlands, from the Colorado Cana Physical and	-	Colorado/Kans	Zinc	TVS	TVS
hrough 9b, ar	nd Middle Arkansas Basin listings.		-	Colorado/Kans	Zinc	TVS	TVS
hrough 9b, ar COARLA02A Designation	nd Middle Arkansas Basin listings. Classifications		Biological		Zinc	TVS ecific listings in segment	TVS ts 2b, 2c, <u>2d,</u>
hrough 9b, ar COARLA02A Designation	nd Middle Arkansas Basin listings. Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc sas border except for spe	TVS ecific listings in segment Metals (ug/L) acute	TVS as 2b, 2c, 2d, 3chronic
hrough 9b, ar COARLA02A Designation	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2	Physical and	Biological DM WS-III	MWAT WS-III	Zinc sas border except for spe	TVS ecific listings in segment Metals (ug/L) acute	TVS as 2b, 2c, 2d, 3chronic
hrough 9b, ar COARLA02A Designation JP	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C	Biological DM WS-III acute	MWAT WS-III chronic	Zinc sas border except for spe Aluminum Arsenic(T)	TVS ecific listings in segment Metals (ug/L) acute	TVS ts 2b, 2c, 2d, chronic 0.02-10 4.0
hrough 9b, ar COARLA02A Designation JP Qualifiers:	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-III acute	MWAT WS-III chronic 5.0	Zinc sas border except for spe Aluminum Arsenic(T) Beryllium(T)	TVS ecific listings in segment Metals (ug/L) acute	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10
hrough 9b, ar COARLA02A Designation JP Qualifiers:	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Zinc Sas border except for special spe	TVS ecific listings in segment Metals (ug/L) acute TVS	TVS s 2b, 2c, 2d. chronic 0.02-10 4.0 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply 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-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Zinc sas border except for spe Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0	TVS ts 2b, 2c, 2d, chronic 0.02-10 4.0 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply 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-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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 nic (mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50 50 TVS	TVS ts 2b, 2c, 2d, chronic 0.02-10 4.0 TVS
COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	Biological DM WS-III acute 6.5 - 9.0 nic (mg/L)	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50	TVS ts 2b, 2c, 2d. chronic 0.02-10 4.0 TVS TVS 100TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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 sic (mg/L) acute TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	MWAT WS-III chronic 5.0 630 chronic TVS 0.75	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Copper(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50TVSTVS	TVS s 2b, 2c, 2d. chronic 0.02-10 4.0 TVS TVS 100TVS 200TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS	MWAT WS-III chronic 5.0 630 chronic 1VS 0.75 250	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50 50 TVS TVS	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS TVS 100TVS 200TVS WS 1000
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS	MWAT WS-III chronic 5.0 630 chronic TVS 0.75	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Chromium VI(T) Iron Iron(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50TVSTVS	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS 100TVS 200TVS WS 1000 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acute 0.2005	MWAT WS-III chronic 5.0 630 chronic -IVS 0.75 250	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50TVS TVS TVS TVS 50 50TVS 50 50TVS 50 50TVS	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS 100TVS 200TVS WS 1000 TVS 1000 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 10	MWAT WS-III chronic 5.0 630 chronicTVS 0.75 250	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS 100TVS WS 1000 TVS 1000 TVS 1000 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 100.5 -	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50TVS TVS TVS TVS 50 50TVS 50 50TVS 50 50TVS	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS S 200TVS WS 1000 TVS 1000 TVS 1000 TVS/WS0.01
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 100.5	MWAT WS-III chronic 5.0 630 chronic 1VS 0.75 250 1.0 1.0 1.17* =	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS ecific listings in segment Metals (ug/L) acute 50 50TVSTVS	TVS ts 2b, 2c, 2d, chronic 0.02-10 4.0 TVS TVS WS 100TVS WS 1000 TVS 400 TVS/WS0.01 460150
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 100.5	MWAT WS-III chronic 5.0 630 chronic 0.75 250 1.0 1.0 1.0 WS	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50 50 TVS TVS 50 TVS	TVS ts 2b, 2c, 2d, 3 chronic 0.02-10 4.0 TVS TVS 100TVS 200TVS WS 1000 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 100.5	MWAT WS-III chronic 5.0 630 chronic 1VS 0.75 250 1.0 1.0 1.17* =	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Cropper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50TVSTVS 50TVS 2.0(t) TVS	TVS s 2b, 2c, 2d. chronic 0.02-10 4.0 TVS 100TVS 200TVS WS 1000 TVS 100 TVS/WS0.01 160150 100
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 100.5	MWAT WS-III chronic 5.0 630 chronic 0.75 250 1.0 1.0 1.0 WS	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium(T)	TVS ecific listings in segment Metals (ug/L) acute 50 50 50 TVS TVS	TVS ts 2b, 2c, 2d, chronic 0.02-10 4.0 TVS TVS 200TVS WS 1000 TVS
hrough 9b, ar COARLA02A Designation JP Qualifiers: Other: Phosphorus(acilities listed	nd Middle Arkansas Basin listings. Classifications Agriculture Aq Life Warm 2 Recreation N Water Supply chronic) = applies only above the lat 32.5(4).	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-III acute 6.5 - 9.0 nic (mg/L) acuteTVS 0.2005 100.5	MWAT WS-III chronic 5.0 630 chronic 0.75 250 1.0 1.0 1.0 WS	Aluminum Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Cropper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS ecific listings in segment Metals (ug/L) acute TVS 5.0 50 50TVSTVS 50TVS 2.0(t) TVS	TVS s 2b, 2c, 2d chronic 0.02-10 4.0 TVS TVS 100TVS WS 1000 TVS 1000

2b. King Arroy	0.						
COARLA02B	Classifications	Physical and Bio	ological			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(T)		200
Qualifiers:		D.O. (mg/L)		5.0	Beryllium		
Livestock Wa	tering Only	рН	6.5 - 9.0		Cadmium(T)		50
Other:		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
*	((2)(-bi)	E. Coli (per 100 mL)		126	Chromium III(T)		1000
the facilities lis		Inorganic (mg/L)		Chromium VI(T)		1000
*Phosphorus(c facilities listed	chronic) = applies only above the		acute	chronic	Copper(T)		500
	e) = See 32.5(3) for details.	Ammonia			Iron		
		Boron		5.0	Lead(T)		100
		Chloride			Manganese		
		Chlorine			Mercury(T)		10 (t)
		Cyanide	0.2		Molybdenum(T)		160 <u>150</u>
		Nitrate	100		Nickel		
		Nitrite	<u>10</u> -	40 <u></u> =	Selenium(T)		50
		Phosphorus		0.17*	Silver		
		Sulfate			Uranium	<u>varies*</u>	
		Sulfide			Zinc(T)		25000
					(.)		
2c. Mainstem	of Wildhorse Creek, including all tributa	I aries, from a point immediately belo			` '	n Big Sandy Creek.	
	of Wildhorse Creek, including all tributa	aries, from a point immediately belo Physical and Bio	w US Highway 2		rson to the confluence with	n Big Sandy Creek. Metals (ug/L)	
COARLA02C Designation	_	1	w US Highway 2		rson to the confluence with		chronic
COARLA02C Designation	Classifications	1	w US Highway 2 ological	287 in Kit Ca	rson to the confluence with	Metals (ug/L)	
COARLA02C Designation UP	Classifications Agriculture	Physical and Bio	w US Highway 2 blogical DM	287 in Kit Ca	rson to the confluence with	Metals (ug/L)	
COARLA02C Designation	Classifications Agriculture Aq Life Warm 2	Physical and Bio	w US Highway 2 plogical DM WS-III	287 in Kit Ca MWAT WS-III	rson to the confluence with	Metals (ug/L) acute	chronic
COARLA02C Designation UP	Classifications Agriculture Aq Life Warm 2	Physical and Bio	w US Highway 2 ological DM WS-III acute	MWAT WS-III chronic	Aluminum Arsenic(T)	Metals (ug/L) acute	chronic 100
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L)	w US Highway 2 ological DM WS-III acute	MWAT WS-III chronic 5.0	Aluminum Arsenic(T) Beryllium(T)	Metals (ug/L) acute	chronic
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2	Physical and Bio Temperature °C D.O. (mg/L) pH	w US Highway 2 logical DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Aluminum Arsenic(T) Beryllium(T) Cadmium(T)	Metals (ug/L) acute	chronic
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	w US Highway 2 logical DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III	Metals (ug/L) acute TVS	chronic
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	w US Highway 2 logical DM WS-III acute 6.5 - 9.0	MWAT WS-III chronic 5.0	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute TVS	chronic
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	w US Highway 2 logical DM WS-III acute 6.5 - 9.0 mg/L)	MWAT WS-III chronic 5.0 630	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium VI(T)	Metals (ug/L) acute TVS	chronic
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (w US Highway 2 logical DM WS-III acute 6.5 - 9.0 mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (w US Highway 2 plogical DM WS-III acute 6.5 - 9.0 mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (Ammonia Boron	w US Highway 2 plogical DM WS-III acute 6.5 - 9.0 mg/L) acute	MWAT WS-III chronic 5.0 630 chronic	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride	w US Highway 2 logical DM WS-III acute 6.5 - 9.0 mg/L) acute mg/L)	MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium VI(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200 100
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine	w US Highway 2 logical DM WS-III acute 6.5 - 9.0 mg/L) acute	287 in Kit Ca MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium VI(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200 100
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide	w US Highway 2 plogical DM WS-III acute 6.5 - 9.0 mg/L) acute 0.2	MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200 100 160150
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio	w US Highway 2 logical DM WS-III acute 6.5 - 9.0 mg/L) acute 0.2 100	MWAT WS-III chronic 5.0 630 chronic 0.75	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200 100 100 200 200 200
COARLA02C Designation UP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation N	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	w US Highway 2 plogical DM WS-III acute 6.5 - 9.0 mg/L) acute 0.2 100 10	MWAT WS-III chronic 5.0 630 chronic 0.75 10	Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	Metals (ug/L) acute TVS	chronic 100 100 50 TVS 100 100 200 100 100 200 50

2d. Kiowa Creek including all tributaries from its source to the mouth. Bear Creek from the dry tributary at (37.415787, -102.593927) to the confluence with Muddy Creek. Unnamed tributary from the source north of county road 350 (37.307, -104.29) to the confluence with the Purgatoire. Unnamed tributary to Lake Creek from railroad tracks southwest of Limon (39.261, -103.679) to the confluence with Lake Creek. Lake Creek from the confluence with the unnamed tributary (39.254, -103.66) to the confluence with Big Sandy Creek.

(39.261, -103.	679) to the confluence with Lake Cree	K. Lake Creek from the confluence with	tne unname	ed tributary (3)	<u>9.254, -103.66) to the conflue</u>	ence with Big Sandy	Creek.
COARLA02D	<u>Classifications</u>	Physical and Biolog	<u>ical</u>		<u>Me</u>	etals (ug/L)	
<u>Designation</u>	<u>Agriculture</u>		<u>DM</u>	<u>MWAT</u>		<u>acute</u>	<u>chronic</u>
<u>UP</u>	Aq Life Warm 2	Temperature °C	WS-III	WS-III	<u>Aluminum</u>	=	=
	Recreation N		<u>acute</u>	chronic	<u>Arsenic</u>	<u>340</u>	==
Qualifiers:		D.O. (mg/L)	=	<u>5.0</u>	Arsenic(T)	=	<u>100</u>
Other:		<u>PH</u>	<u>6.5 - 9.0</u>	= =	<u>Beryllium</u>	=	=
		chlorophyll a (mg/m²)	=		<u>Cadmium</u>	<u>TVS</u>	<u>TVS</u>
	te) = See 32.5(3) for details.	E. Coli (per 100 mL)	=	<u>126</u>	Chromium III	<u>TVS</u>	<u>TVS</u>
*Phosphorus(c facilities listed	chronic) = applies only above the at 32.5(4).	Inorganic (mg/	<u>'L)</u>		Chromium III(T)	=	<u>100</u>
			<u>acute</u>	chronic	Chromium VI	<u>TVS</u>	<u>TVS</u>
		<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Copper</u>	<u>TVS</u>	<u>TVS</u>
		<u>Boron</u>	= =	<u>0.75</u>	<u>Iron(T)</u>	=	<u>1000</u>
		<u>Chloride</u>	==*	==	<u>Lead</u>	TVS	<u>TVS</u>
		<u>Chlorine</u>	0.019	<u>0.011</u>	<u>Manganese</u>	<u>TVS</u>	<u>TVS</u>
		<u>Cyanide</u>	0.005	= *	Mercury(T)	=	<u>0.01</u>
		<u>Nitrate</u>	<u>100</u>	===	Molybdenum(T)	=	<u>150</u>
		<u>Nitrite</u>	<u>0.5</u>	==	<u>Nickel</u>	TVS	<u>TVS</u>
		<u>Phosphorus</u>	===	<u>0.17</u>	<u>Selenium</u>	TVS	<u>TVS</u>
		<u>Sulfate</u>	==	==	Silver	TVS	<u>TVS</u>
		Sulfide	= =	0.002	<u>Uranium</u>	<u>varies*</u>	=
					<u>Zinc</u>	TVS	<u>TVS</u>

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 segment 3b and 3c

segments 3b a							
COARLA03A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Warm 2	Temperature °C	CS <u>WS</u> -II	CSWS-	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
*! !:	-) 0 00 5(0) (Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
"Uranium(acut	e) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

tr = trout

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 I	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		рН	6.5 - 9.0		Beryllium		-
Other:		chlorophyll a (mg/m²)			Cadmium	_	_
		E. Coli (per 100 mL)		630	Cadmium(T)	5.0	
*Uranium(acut	e) = See 32.5(3) for details.	Inorgani	c (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia		0.5	Chromium VI	_	_
		Boron		0.75	Chromium VI(T)	50	
		Chloride		250	Copper	_	_
		Chlorine			Copper(T)	200	
		Cyanide	0.2		Iron		WS
		Nitrate	10		Lead		
		Nitrite	1.0		Lead(T)	50	
		Phosphorus		0.17	Manganese		ws
		Sulfate		WS	Mercury(T)	2.0	
		Sulfide		0.05	Molybdenum(T)		160<u>150</u>
					Nickel(T)		100
					Selenium		-
					Selenium(T)		20
					Silver	_	
					Silver(T)	100	
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	_	_
					Zinc(T)		2000

3c. The mains	1						
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum	-	-
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10 ^A
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*11 ' /	() 0 00 5(0) (1 1 1 1	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
<u>*Uranium(acui</u>	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
4a. Mainstem	of the Apishapa River from I-25 to	the confluence with the Arkansas Ri	ver. Mainstem of T	impas Creek			TVS
	of the Apishapa River from I-25 to Classifications	the confluence with the Arkansas Ri Physical and		impas Creek	from the source to the Ark		TVS
COARLA04A				impas Creek	from the source to the Ark	ansas River.	TVS
COARLA04A Designation	Classifications		Biological		from the source to the Ark	ansas River. Metals (ug/L)	
COARLA04A Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	from the source to the Ark	ansas River. Metals (ug/L)	
COARLA04A Designation	Classifications Agriculture Aq Life Warm 1	Physical and	Biological DM WS-II	MWAT WS-II	from the source to the Ark	ansas River. Metals (ug/L) acute	chronic
COARLA04A Designation UP	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic Arsenic(T)	ansas River. Metals (ug/L) acute 340	chronic
COARLA04A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	from the source to the Ark Aluminum Arsenic	ansas River. Metals (ug/L) acute 340	chronic 0.02
COARLA04A Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 1 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 Arsenic(T) Beryllium Cadmium	ansas River. Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
COARLA04A Designation UP 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)	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	ansas River. Metals (ug/L) acute 340	chronic
COARLA04A Designation UP 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)	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L)	MWAT WS-II chronic 5.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	ansas River. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS TVS
COARLA04A Designation UP 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	ansas River. Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
COARLA04A Designation JP 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) Inorgani Ammonia	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COARLA04A Designation JP 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
COARLA04A Designation JP 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS VS WS
COARLA04A Designation JP 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1805
COARLA04A Designation JP Qualifiers:	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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1805 TVS
COARLA04A Designation UP 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) 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS WS 1805 TVS
COARLA04A Designation JP Qualifiers:	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) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.5	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 250 0.011 0.5==	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS WS 1805 TVS TVS/WS
COARLA04A Designation JP Qualifiers:	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) 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 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS TVS WS 1805 TVS TVS/WS 0.01(t)
COARLA04A Designation JP Qualifiers:	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) 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 0.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS WS 1805 TVS TVS/WS 0.01(t)
COARLA04A Designation JP Qualifiers:	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) 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 0.005 100.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS	chronic
COARLA04A Designation JP Qualifiers:	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) 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 0.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	from the source to the Ark Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1805 TVS WS 1805 TVS TVS/WS 0.01(t) 160150 TVS
COARLA04A Designation JP 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) 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 0.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	ansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS WS 1805 TVS WS 0.01(t) 160150 TVS 100 TVS
COARLA04A Designation JP 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) 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 0.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	ansas River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS WS 1805 TVS WS 0.01(t) 160150 TVS TVS TVS TVS
COARLA04A Designation JP Qualifiers:	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) 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 0.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 250 0.011 0.5== 0.17 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	ansas River. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS WS 1805 TVS WS 0.01(t) 160150 TVS 100 TVS

COARLA04B	Classifications	Physical and	Biological		ı	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		_
		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
<u>'Uranium(acut</u>	e) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		4.0	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury <u>(T)</u>		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.5</u> -	0.5 =	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	<u>varies*</u>	
					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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*! !:	(a) 0 - 00 F(0) (a) dataila	Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
<u>"Uranium(acut</u>	te) = See 32.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		4.0	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					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 Biolo	gical		ı	Vietals (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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	_
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date	e of 12/31/2021				Chromium III(T)	50	
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg	g/L)		Chromium VI	TVS	TVS
the facilities lis	ted at 32.5(4).		acute	chronic	Copper	TVS	TVS
*Phosphorus(c facilities listed	chronic) = applies only above the at 32.5(4).	Ammonia	TVS	TVS	Iron		WS
*Uranium(acut	e) = See 32.5(3) for details.	Boron		4.0	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05=	Molybdenum(T)		160<u>150</u>
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

COARLA05C	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Chromium III		TVS
,	e of 12/31/2021				Chromium III(T)	50	
chlorophyll a /	mg/m²)(chronic) = applies only above	Inorganio	c (mg/L)		Chromium VI	TVS	TVS
he facilities lis	ted at 32.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus(cacilities listed	hronic) = applies only above the at 32.5(4).	Ammonia	TVS	TVS	Iron		WS
	e) = See 32.5(3) for details.	Boron		2.0	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05<u></u> =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

COARLA06A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	i nysiour anu	DM	MWAT		acute	chronic
JP	Aq Life ColdWarm 2	Temperature °C	CS WS-II	CSWS-	Aluminum	acute	
	Recreation E	Temperature 0	acute	chronic	Arsenic	<u>340</u>	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)	<u>5-10</u>	100
Other:		D.O. (spawning)		7.0	7 (100) (1)		100
otner:		pH	6.5 - 9.0		Beryllium(T)		[BB1]
	(mg/m²)(chronic) = applies only above	chlorophyll a (mg/m²)		150*	Cadmium(T)	TVS	10TVS
the facilities listed at 32.3(4).		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
					Chromium III(T)		100
<u>52.5(3) 101 det</u>	<u>alls.</u>	Inorgan	ic (mg/L)		Chromium VI (T)	TVS	100TVS
		inorgan	acute	chronic	Copper (T)	TVS	200TVS
		Ammonia	TVS	TVS	Iron(T)		<u>1000</u>
		Boron	<u></u>	4.0 <u>.</u>	Lead (T)	TVS	100TVS
		Chloride			Manganese	<u></u>	TVS
		Chlorine		<u> </u>	Mercury(T)		0.01
		Cyanide	0. <u>2005</u>	0.011	Molybdenum(T)		160 150
		Nitrate	100		Nickel (T)	TVS	200TVS
		Nitrite	0.5 ⁻	10 =	Selenium (T)	TVS	20 TVS
		Phosphorus	<u>5.0</u>	0. 11* 17	Silver	TVS	TVS
		Sulfate			Uranium	varies*	
		Sulfide			Zinc (T)	TVS	2000TVS
				0.000			
6b.Wet Canyo	on and all tributaries, including wetlands	I s, from the source to the conflue	nce with the Purga	atoire River.			
	on and all tributaries, including wetlands	s, from the source to the conflue Physical and		atoire River.		Metals (ug/L)	
				MWAT		Metals (ug/L)	chronic
COARLA06B	Classifications		Biological		Aluminum		chronic
COARLA06B Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	Aluminum Arsenic(T)		_
COARLA06B Designation	Classifications Agriculture Aq Life ColdWarm 2	Physical and	Biological DM CSWS-II	MWAT CSWS-		acute	_
COARLA06B Designation	Classifications Agriculture Aq Life ColdWarm 2 Recreation E	Physical and Temperature °C	Biological DM CSWS-II acute	MWAT CSWS- chronic	Arsenic(T)	acute	0.02-10
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CSWS-II acute	MWAT CSWS- chronic 6.0	Arsenic(T) Beryllium(T)	acute	0.02-10 4.0
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM GSWS-II acute	MWAT CSWS- chronic 6.0 7.0	Arsenic(T) Beryllium(T) Cadmium	acute <u>TVS</u>	0.02-10 4.0 <u>TVS</u>
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0	Arsenic(T) Beryllium(T) Cadmium Cadmium(T)	acute TVS 5.0	0.02-10 4.0 <u>TVS</u>
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0 150 =	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III	acute TVS 5.0	0.02-10 4.0 <u>TVS</u>
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0 150 =	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	acute TVS 5.0 50	0.02-10 4.0 <u>TVS</u> TVS
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0	MWAT CSWS- chronic 6.0 7.0 150 =	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T)	acute 5.0 50 50TVS	 0.02-10 4.0 <u>TVS</u> TVS 400 <u>TVS</u>
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CSWS- 11 chronic 6.0 7.0 150 126	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T)	acute	0.02-10 4.0 TVS TVS 100TVS 200TVS
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CSWS- 11 chronic 6.0 7.0 150 = 126 chronic	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T)	acute	0.02-10 4.0 TVS TVS 400TVS 200TVS WS
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CSWS- 11 chronic 6.0 7.0 150= 126 chronic	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T)	acute	0.02-10 4.0 TVS TVS 100TVS WS
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acute	mwat csws- chronic 6.0 7.0 150 = 126 chronic TVS 2.0 250	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium VI(T) Chromium VI(T) Iron Iron(T) Lead	acute	0.02-10 4.0 TVS TVS 100TVS WS 1000 TVS
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CSWS- 11 chronic 6.0 7.0 150 126 chronic 2.0	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T)	acute	0.02-10 4.0 TVS TVS 100TVS 200TVS WS 1000 TVS
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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	Biological DM CSWS-II acute 6.5 - 9.0 ic (mg/L) acute 2000	mwat csws- chronic 6.0 7.0 	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese	acute	
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2005	mwat csws- 11 chronic 6.0 7.0 150 = 126 chronic TVS 2.0 250 	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute	
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acute 0.2005 10	MWAT CSWS- 11 chronic 6.0 7.0 150 126 chronicTVS 2.0 250	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute	
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acuteTVS 0.2005 100.5	MWAT CSWS- 11 chronic 6.0 7.0 150 126 chronic 2.0 250 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute	
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acuteTVS 0.2005 100.5	MWAT CSWS- 11 chronic 6.0 7.0 150 126 chronic 2.0 250 1.0 0.11 WS	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute	
COARLA06B Designation JP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acuteTVS 0.2005 100.5	MWAT CSWS- 11 chronic 6.0 7.0 150 126 chronic 2.0 250 1.0 1.0 1.1	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium(T)	acute	
COARLA06B Designation UP Qualifiers:	Classifications Agriculture Aq Life ColdWarm 2 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 CSWS-II acute 6.5 - 9.0 ic (mg/L) acuteTVS 0.2005 100.5	MWAT CSWS- 11 chronic 6.0 7.0 150 126 chronic 2.0 250 1.0 0.11 WS	Arsenic(T) Beryllium(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium(T)	acute	0.02-10 4.0 TVS TVS 100TVS 200TVS WS 1000 TVS 100 TVS/WS0.01 160150 TVS 100 20TVSTVS

7. Mainstem o	Classifications	Physical and	Riological			Metals (ug/L)	
Designation	Agriculture	Filysical allu	DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum	acute	
rcvicwabic	Water Supply	Temperature C	acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)	340	7.6 0.02
Qualifiers:		pH	6.5 - 9.0	J.0 	` ,		7.0 <u>0.02</u>
		·			Beryllium	TVC	T\/C
Other:		chlorophyll a (mg/m²)		426	Cadmium	TVS	TVS
*Uranium(acut	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	== T) (0
,	, , , , , , , , , , , , , , , , , , ,	Inorgan	ic (mg/L)		Chromium III	TVS	TVS
			acute	chronic	Chromium III(T)	<u>50</u>	100
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		<u>250</u> -	<u>Iron</u>	=	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	100 10		<u>Lead(T)</u>	<u>50</u>	=
		Nitrite	<u>0.5</u> ⁻	0.5<u></u> =	Manganese	TVS	TVS <u>WS</u>
		Phosphorus			Mercury <u>(T)</u>		0.01 (t)
		Sulfate		<u>WS</u>	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
							_
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Uranium Zinc	<u>varies*</u> TVS	<u>16.8-30</u> A
8. Mainstem o	f Ricardo Creek, including all tribu	utaries and wetlands, which are within	n Colorado (Costilla	ı and Las Ani	Zinc	TVS	
tributaries, we	tlands, lakes and reservoirs.			ı and Las Ani	Zinc mas Counties), mainstem	TVS of the Canadian River	TVS
tributaries, we	tlands, lakes and reservoirs. Classifications	utaries and wetlands, which are within	Biological		Zinc mas Counties), mainstem	TVS of the Canadian River	TVS , including all
tributaries, we COARLA08 Designation	tlands, lakes and reservoirs. Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc mas Counties), mainstem	TVS of the Canadian River	TVS
tributaries, we	tlands, lakes and reservoirs. Classifications		Biological DM CS-I	MWAT CS-I	Zinc mas Counties), mainstem	TVS of the Canadian River Metals (ug/L) acute	TVS, including all
ributaries, we COARLA08 Designation	tlands, lakes and reservoirs. Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Zinc mas Counties), mainstem Aluminum Arsenic	TVS of the Canadian River Metals (ug/L) acute 340	TVS, including all
tributaries, we COARLA08 Designation	tlands, lakes and reservoirs. 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	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T)	TVS of the Canadian River Metals (ug/L) acute 340	thronic 0.02
ributaries, we COARLA08 Designation Reviewable Qualifiers:	tlands, lakes and reservoirs. 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	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium	TVS of the Canadian River Metals (ug/L) acute 340	thronic 0.02
tributaries, we COARLA08 Designation Reviewable	tlands, lakes and reservoirs. 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	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50	trvs chronic 0.02 Tvs Tvs
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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 CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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 CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50	thronic chronic 0.02 TVS TVS TVS TVS TVS TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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 CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	trvs chronic 0.02 Tvs Tvs Tvs Tvs Tvs Tvs Tvs Tvs
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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 CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	trvs chronic 0.02 Tvs Tvs Tvs Vs Tvs Tvs Tvs Tvs Tvs
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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	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 mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	trvs chronic 0.02 Tvs Tvs Tvs Tvs Tvs Tvs Tvs Tvs
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Ilron(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS STVS WS 1000 TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	TVS r, including all chronic 0.02 TVS TVS TVS TVS TVS TVS WS 1000 TVS
ributaries, we COARLA08 Designation Reviewable Qualifiers: Other:	tlands, lakes and reservoirs. 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	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 mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS 50 TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS STVS WS 1000 TVS
COARLA08 COARLA08 Coasignation Reviewable Coulifiers: Cother:	tlands, lakes and reservoirs. 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 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS	TVS r, including all chronic 0.02 TVS
COARLA08 COARLA08 Coasignation Reviewable Coulifiers: Cother:	tlands, lakes and reservoirs. 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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS , including all chronic 0.02 TVS
COARLA08 COARLA08 Coasignation Reviewable Couplings Coup	tlands, lakes and reservoirs. 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05==	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Benyllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS SUS TVS TVS TVS TVS SUS 1000 TVS TVS WS 1000 TVS SUS 1000 TVS SUS 1000 TVS SUS 1000 TVS SUS 1000 TVS
coarLa08 Designation Reviewable Qualifiers:	tlands, lakes and reservoirs. 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05=== 0.11	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
coarLa08 Designation Reviewable Qualifiers:	tlands, lakes and reservoirs. 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS , including all chronic 0.02 TVS TVS TVS TVS SUS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS
coartines, we coartines, we coartines, we coartines are considered. Coartines are coartines are coartines are coartines are coartines are coartines.	tlands, lakes and reservoirs. 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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc mas Counties), mainstem Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS of the Canadian River Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS , including all chronic 0.02 TVS TVS TVS TVS TVS SOURCE TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS

tr = trout

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. Mainstem of Rush Creek to the Lincoln County Line. Mainstem of Antelope Creek from the source to the confluence with Rush Creek; the West May Valley drain from the Fort Lyon Canal to the confluence with the Arkansas River.

COARLA09A	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium	_	_
Other:		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	c) = hybrid	Inorgani	c (mg/L)		Chromium III		TVS
Expiration Date	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
*I Ironium/oout	e) = See 32.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Utaniumiacut	<u>e) = See 32.5(3) for details.</u>	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		ws
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> ⁻	0.5 =	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury <u>(T)</u>		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

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 confluence with Apishapa River. Mainstem of Mud Creek from V Road to the confluence with the Arkansas River. Mainstem 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.

COARLA09B	Classifications	Physical and E	Biological		ı	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02 -10
Qualifiers:		рН	6.5 - 9.0		Beryllium	_	_
Water + Fish	Standards Apply	chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
		Inorgani	c (mg/L)		Chromium III		TVS
*Uranium(acu	te) = See 32.5(3) for details.		acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		ws
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.5</u> -	0.5 =	Manganese	TVS	TVS/WS
		Phosphorus		0.17	Mercury <u>(T)</u>		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

9c. Deleted.			
COARLA9C Classifications	Physical and Biological		Metals (ug/L)
Designation	DM	MWAT	acute chror
Qualifiers:	acute	chronic	
Other:			
	Inorganic (mg/L)		
	acute	chronic	

COARLA10	Classifications	Physical and	Biological		ı	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
<u>Uranium(acu</u>	te) = See 32.5(3) for details.	Inorgan	ic (mg/L)		Chromium III		TVS
			acute	chronic	Chromium III(T)	50	
		Ammonia	TVS	TVS	Chromium VI	TVS	TVS
		Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.05</u> -	0.05 =	Manganese	TVS	TVS/WS
		Phosphorus			Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS (tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
11. John Mart	in Reservoir.	'			•		
COARLA11	Classifications	Physical and	Biological		I	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
	Indification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
emporary M	iodinodion(o).				Chromium III		TVS
emporary Marsenic(chron		Inorgan	ic (mg/L)				
rsenic(chron		Inorgan	ic (mg/L) acute	chronic	Chromium III(T)	50	
Arsenic(chron Expiration Date	ic) = hybrid te of 12/31/2021	Inorgan		chronic TVS	Chromium III(T) Chromium VI	50 TVS	TVS
rsenic(chron xpiration Date	ic) = hybrid		acute				
rsenic(chron xpiration Date	ic) = hybrid te of 12/31/2021	Ammonia	acute TVS	TVS	Chromium VI	TVS	TVS
rsenic(chron xpiration Date	ic) = hybrid te of 12/31/2021	Ammonia Boron	acute TVS	TVS 0.75	Chromium VI Copper	TVS TVS	TVS TVS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride	acute TVS	TVS 0.75 250	Chromium VI Copper Iron	TVS TVS	TVS TVS WS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Chromium VI Copper Iron Iron(T)	TVS TVS 	TVS TVS WS 1000
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Chromium VI Copper Iron Iron(T) Lead	TVS TVS TVS	TVS TVS WS 1000 TVS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011 	Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS TVS TVS 50	TVS TVS WS 1000 TVS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10 0.5	TVS 0.75 250 0.011 0.5==	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS TVS TVS 50 TVS	TVS TVS WS 1000 TVS === TVS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 10 0.5	TVS 0.75 250 0.011 0.5==	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS TVS TVS 50 TVS	TVS TVS WS 1000 TVS TVS 0.01(#)
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 10 0.5	TVS 0.75 250 0.011 0.5== WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS 50 TVS TVS TVS	TVS TVS WS 1000 TVS TVS 0.01(+)
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 10 0.5	TVS 0.75 250 0.011 0.5== WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS TVS 50 TVS	TVS TVS WS 1000 TVS TVS 0.01(#) 160150 TVS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 10 0.5	TVS 0.75 250 0.011 0.5== WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS TVS 50 TVS TVS TVS TVS	TVS TVS WS 1000 TVS TVS 0.01(#) 160150 TVS
rsenic(chron xpiration Dat	ic) = hybrid te of 12/31/2021	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	acute TVS 0.019 0.005 10 0.5	TVS 0.75 250 0.011 0.5== WS	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS TVS TVS 50 TVS TVS TVS	TVS TVS WS 1000 TVS TVS 0.01(#) 160150 TVS

COARLA12	Classifications	Physical and	Biological		N	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		pH	6.5 - 9.0		Beryllium	_	
		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
<u>Uranium(acu</u>	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury <u>(T)</u>		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.5</u> ⁻	0.5 =	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS (tr)
		Sulfide		0.002	Uranium	<u>varies*</u>	
					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	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Other:		рН	6.5 - 9.0		Beryllium	_	
		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
*Uranium(acut	te) = See 32.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgani	c (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160<u>150</u>
		Nitrite	<u>0.5</u> -	0.5 =	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	<u>varies*</u>	
					Zinc	TVS	TVS

COARLA14	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
_	e) = See 32.5(3) for details.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)
		Nitrite	<u>0.05</u> ⁻	0.05<u></u> =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

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 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 E	Biological			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	
	Water Supply				Arsenic(T)		0.02
	DUWS*		acute	chronic	Beryllium	_	
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS(tr)	TVS
Other:		D.O. (spawning)		7.0	Cadmium(T)	<u>5.0</u>	==
* ' ' ' ' ' '		pH	6.5 - 9.0		Chromium III		TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III(T)	50	
*Classification Lake and Nor	: DUWS Applies only to Monument	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Copper	TVS	TVS
	ger than 25 acres surface area. te) = See 32.5(3) for details.	Inorgani	c (mg/L)		Iron		WS
	= Trinidad Reservoir (CLL)		acute	chronic	Iron(T)		1000
remperature	= milidad Neservoli (OEE)	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	<u>50</u>	==
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury <u>(T)</u>		0.01 (t)
		Cyanide	0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate	10		Nickel	TVS	TVS
		Nitrite	<u>0.05</u> -	0.05 =	Nickel(T)	=	<u>100</u>
		Phosphorus		0.025*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

COARLA16	Classifications	Physical and			1	Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum	_	
	Recreation E		acute	chronic	Arsenic(T)		100
Qualifiers:		D.O. (mg/L)		6.0	Beryllium(T)		100
Other:		D.O. (spawning)		7.0	Cadmium(T)		10
		pH	6.5 - 9.0		Chromium III	TVS	TVS
	(ug/L)(chronic) = applies only to lakes alarger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III(T)		100
*Phosphorus(chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium VI(T)		100
_	ger than 25 acres surface area. te) = See 32.5(3) for details.				Copper(T)		200
Uraniumilacu	<u>le) = See 32.5(3) for details.</u>	Inorgan	ic (mg/L)		Iron		
		J	acute	chronic	Lead(T)		100
		Ammonia			Manganese		
		Boron		0.75	Mercury(T)		
		Chloride			Molybdenum(T)		160 150
		Chlorine			Nickel(T)		200
		Cyanide	0.2		Selenium(T)		20
		Nitrate	100		Silver		
		Nitrite	<u>10</u> -	10 =	Uranium	varies*	
		Phosphorus		0.025*	Zinc(T)		2000
		Sulfate			, ,		
		Sulfide					
17All lakes a	and reservoirs tributary to Wet Canyon,	from the source to the confluence	ce with the Purgato	ire River.			
COARLA17	Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM				
	_		Divi	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CL	CL	Aluminum	acute	chronic —
JP	Recreation E	Temperature °C			Aluminum Arsenic(T)	acute 	
UP	·	Temperature °C D.O. (mg/L)	CL	CL		-	
	Recreation E		CL acute	CL chronic	Arsenic(T)		0.02-10
Qualifiers:	Recreation E	D.O. (mg/L)	CL acute	CL chronic 6.0	Arsenic(T) Beryllium(T)		0.02-10 4.0
Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	CL acute 	CL chronic 6.0 7.0	Arsenic(T) Beryllium(T) Cadmium(T)	 5.0	 0.02-10 4.0
Qualifiers: Other: Ichlorophyll a and reservoirs	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	CL acute 6.5 - 9.0	CL chronic 6.0 7.0	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III	 5.0	0.02-10 4.0 TVS
Qualifiers: Other: *chlorophyll a and reservoirs* Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes s 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(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T)	 5.0 50	0.02-10 4.0 TVS
Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(eeervoirs large	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)	CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T)	 5.0 50 50	0.02-10 4.0 TVS
Qualifiers: Other: 'chlorophyll a and reservoirs' Phosphorus(eservoirs large	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger 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(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T)	 5.0 50 50	 0.02-10 4.0 TVS 100 200
Qualifiers: Other: 'chlorophyll a and reservoirs' Phosphorus(eservoirs large	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger 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* 126	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron	5.0 50 50	
Qualifiers: Other: 'chlorophyll a and reservoirs' Phosphorus(eservoirs large	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 ic (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T)	5.0 50 50 50	
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	CL acute 6.5 - 9.0 ic (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium VI(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese	5.0 50 50 50 50	
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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 ic (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic 0.75	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T)	5.0 50 50 50 2.0(#)	100 US 10
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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 ic (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T)	5.0 50 50 50 50 2.0(t)	
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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 ic (mg/L) acute	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T)	5.0 5.0 50 50 50 50 2.0(t)	
*chlorophyll a and reservoirs *Phosphorus(reservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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 ic (mg/L) acute 0.2	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T)	5.0 50 50 50 50 50 50 5 5	100 USS 100 100 100 100 100 100
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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 ic (mg/L) acute 0.2 10	CL chronic 6.0 7.0 8* 126 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	5.0 50 50 50 50 50 50 50 2.0(#)	
Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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 ic (mg/L) acute 0.2 100.05	CL chronic 6.0 7.0 8* 126 chronic 0.75 250 0.05==	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T) Silver(T)	5.0 50 50 50 50 100	0.02-10 4.0 TVS 100 200 WS 100 WS 160150 100 20

00 ADL A40	Olasaitia atiawa	k, which are within Colorado (Costil		ido Codrilloo			
COARLA18	Classifications	Physical and Bio				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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
chlorophyll a	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
and reservoirs	larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and per than 25 acres surface area.				Chromium III(T)	50	
	te) = See 32.5(3) for details.	Inorganic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u> -	0.05 =	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
19. All lakes a	nd reservoirs tributary to the Arkansas	River, except for specific listings in	segments 10-1	8 and Middle			TVS
19. All lakes a	nd reservoirs tributary to the Arkansas Classifications	River, except for specific listings in Physical and Bio	_	8 and Middle	Arkansas Basin segments		TVS
COARLA19		· · · · · ·	_	8 and Middle	Arkansas Basin segments	s 19-28.	TVS
COARLA19	Classifications	· · · · · ·	logical		Arkansas Basin segments	s 19-28. Metals (ug/L)	
COARLA19 Designation	Classifications Agriculture	Physical and Bio	ological DM	MWAT	Arkansas Basin segments	s 19-28. Metals (ug/L)	
COARLA19 Designation	Classifications Agriculture Aq Life Warm 1	Physical and Bio	ological DM WL	MWAT WL	Arkansas Basin segments	Metals (ug/L) acute	chronic
COARLA19 Designation	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio	logical DM WL acute	MWAT WL chronic	Arkansas Basin segments Aluminum Arsenic	Metals (ug/L) acute 340	chronic
COARLA19 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and Bio Temperature °C D.O. (mg/L)	logical DM WL acute	MWAT WL chronic 5.0	Arkansas Basin segments Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
COARLA19 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply	Physical and Bio Temperature °C D.O. (mg/L) pH	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium	s 19-28. Metals (ug/L) acute 340	chronic 0.02
COARLA19 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L)	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 20*	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium	s 19-28. Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
COARLA19 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chronic	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s):	Physical and Bio 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*	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	s 19-28. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
COARLA19 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chroniesxpiration Date	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid te of 12/31/2021	Physical and Bio 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)	MWAT WL chronic 5.0 20* 126	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	340 TVS 5.0	chronic 0.02 TVS TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chroniexpiration Data chlorophyll a and reservoirs	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i	DM WL acute 6.5 - 9.0 mg/L) acute	MWAT WL chronic 5.0 20* 126 chronic	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	s 19-28. Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
COARLA19 Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chroni Expiration Date of the component of the compone	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes is larger than 25 acres surface area. chronic) = applies only to lakes and	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (in	DM WL acute 6.5 - 9.0 mg/L) acute TVS	MWAT WL chronic 5.0 20* 126 chronic TVS	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COARLA19 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni expiration Date of the component of the compone	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i	DM WL acute 6.5 - 9.0 mg/L) acute TVS	MWAT WL chronic 5.0 20* 126 chronic TVS 0.75	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS TVS
COARLA19 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chronic Expiration Date chlorophyll a and reservoirs Phosphorus(ceservoirs larges)	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (in the color of the	DM WL acute 6.5 - 9.0 mg/L) acute TVS	MWAT WL chronic 5.0 20* 126 chronic TVS 0.75 250	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS VS WS
COARLA19 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronic expiration Data and reservoirs Phosphorus(ceservoirs larges)	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS
COARLA19 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronic expiration Data and reservoirs Phosphorus(ceservoirs larges)	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide	DM WL acute 6.5 - 9.0	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS STVS WS 1000 TVS
COARLA19 Designation Reviewable Qualifiers: Description Descripti	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM WL acute (6.5 - 9.0	MWAT WL chronic 5.0 20* 126 chronic TVS 0.75 250 0.011 0.5=	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS TVS 50	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS
COARLA19 Designation Reviewable Qualifiers: Description Descripti	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	mg/L) acute TVS 0.019 0.005 10 0.5	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083*	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COARLA19 Designation Reviewable Qualifiers: Description Descripti	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5== 0.083* WS	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
COARLA19 Designation Reviewable Qualifiers: Description Descripti	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	nlogical DM WL acute 6.5 - 9.0 mg/L) acute TVS 0.019 0.005 100.5	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5= 0.083*	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	\$ 19-28. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARLA19 Designation Reviewable Qualifiers: Description Descripti	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5== 0.083* WS	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	\$ 19-28. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS US 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARLA19 Designation Reviewable Qualifiers: Description Descripti	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5== 0.083* WS	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	\$ 19-28. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
COARLA19 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chronic expiration Data and reservoirs Phosphorus(ceservoirs larges)	Classifications Agriculture Aq Life Warm 1 Recreation E Water Supply odification(s): ic) = hybrid ie of 12/31/2021 (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area.	Physical and Bio Temperature °C D.O. (mg/L) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorganic (i) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM WL acute 6.5 - 9.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0 1.5 1.0	MWAT WL chronic 5.0 20* 126 Chronic TVS 0.75 250 0.011 0.5== 0.083* WS	Arkansas Basin segments Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	\$ 19-28. Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS

tr = trout

1. Mainster	m of the Cimarron River, including all tr	ibutaries and wetlands, in Las Anim	as, Baca, and Prov	vers Countie	s, except for the specific lis	ting in segment 2.	
COARCI01		Physical and I			1	fletals (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(T)		100
Qualifiers:	:	D.O. (mg/L)		5.0	Beryllium(T)		100
Other:		pH	6.5 - 9.0		Cadmium(T)		10
		chlorophyll a (mg/m²)			Chromium III	TVS	TVS
*Uranium(a	acute) = See 32.5(3) for details.	E. Coli (per 100 mL)		630	Chromium III(T)		100
		Inorgani	c (mg/L)		Chromium VI(T)		100
			acute	chronic	Copper(T)		200
		Ammonia			Iron		
		Boron		0.75	Lead(T)		100
		Chloride			Manganese		
		Chlorine			Mercury(T)		
		Cyanide	0.2		Molybdenum(T)		160 <u>150</u>
		Nitrate	100		Nickel(T)		200
		Nitrite	<u>10</u> -	10 =	Selenium(T)		20
		Phosphorus		0.17	Silver		
		Sulfate			Uranium	<u>varies*</u>	
		Sulfide			Zinc(T)		2000
2 Mainate							
	m of North Carrizo Creek from the sour				est Carrizo Creek, to the co	nfluence with North C	arrizo Creek;
mainstems	of Cottonwood Creek and Tecolote Cr	eek to the confluence with West Ca	rrizo Creek, Fitzler		· 1		arrizo Creek;
mainstems	of Cottonwood Creek and Tecolote Cr Classifications		rrizo Creek, Fitzler		· 1	nfluence with North C fletals (ug/L) acute	arrizo Creek;
mainstems	of Cottonwood Creek and Tecolote Cr Classifications	eek to the confluence with West Ca Physical and I	rrizo Creek, Fitzler Biological	Pond.	· 1	/letals (ug/L)	
mainstems COARCI02 Designation	of Cottonwood Creek and Tecolote Creek and Tecological Creek and	eek to the confluence with West Ca	rrizo Creek, Fitzler Biological DM	Pond. MWAT	, n	/letals (ug/L)	
mainstems COARCI02 Designation	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C	rrizo Creek, Fitzler Biological DM WS-II	MWAT WS-II	Aluminum	letals (ug/L) acute	chronic
mainstems COARCI02 Designatio UP Qualifiers:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	eek to the confluence with West Ca Physical and I	rrizo Creek, Fitzler Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Aletals (ug/L) acute 340	chronic
mainstems COARCI02 Designatio	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L)	rrizo Creek, Fitzler Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	acute 340	chronic 7.6
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Aletals (ug/L) acute 340	chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Aletals (ug/L) acute 340 TVS	chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute 340 TVS TVS	chronic 7.6 TVS TVS
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L)	MWAT WS-II chronic 5.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute 340 TVS TVS	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-II chronic 5.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	Aletals (ug/L) acute 340 TVS TVS TVS	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	Aletals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 Recreation E	Physical and I Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	Acute 340 TVS TVS TVS TVS TVS TVS TVS TV	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 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	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	### Acute	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 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	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	### Acute	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 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	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	### Acute	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(#)
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 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	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	### Acute	Chronic
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 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	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 1000.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 0.011 0.5 == =	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	### Acute	Chronic 7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(#) 160_150 TVS
mainstems COARCIO2 Designatio UP Qualifiers: Other:	of Cottonwood Creek and Tecolote Creek Classifications Agriculture Aq Life Warm 1 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	rrizo Creek, Fitzler Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 1000.5	MWAT WS-II chronic 5.0 150 126 Chronic TVS 0.75 0.011 0.5==== 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	### Acute	Chronic

3. All lakes and	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
Fish Ingestion	n Standards Apply	рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (m	g/L)		Chromium III(T)		100
*Phosphorus(o	chronic) = applies only to lakes and er than 25 acres surface area.		acute	chronic	Chromium VI	TVS	TVS
J	e) = See 32.5(3) for details.	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.5</u> -	0.5<u></u> =	Nickel	TVS	TVS
		Phosphorus		0.083*	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	<u>varies*</u>	
					Zinc	TVS	TVS

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) Reserved.
- (C) Reserved.

EXIBIT 2 WATER QUALITY CONTROL DIVISION

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 36 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN

5 CCR 1002-36

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) Appendix 36-1). 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 Appendix 36-1 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>Temperature

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**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) Appendix 36-1. 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) Appendix 36-1.

(3) <u>URANIUM</u>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 ugug/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**Nutrients

Prior to May December 31, 2022 for chlorophyll a and prior to December 31, 2027 for total phosphorus, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e) and (f). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May December 31, 20427, only total phosphorus and chlorophyll a will be considered for adoption. After May December 31, 20427, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(eg).

Prior to <u>May December</u> 31, 202<u>27</u>, nutrient criteria will be adopted for headwaters on a segment by segment basis for the Rio Grande <u>River</u> 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
CORGRG09b	Fun Valley Resort	Fun Valley Resort	COG588018
CORGRG09a	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
CORGCB036	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 feetnote was added to the total phosphorus and chlorophyll a standards in these segments. The feetnote references the table of qualified facilities at 36.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A feetnote 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) Introduction

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:

acute (1-day) оC = degrees Celsius chronic (30-day) <u>ch</u> ≣ 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 =

Escherichia coli E. coli = milligrams per liter mg/l =

MWAT maximum weekly average temperature =

OW outstanding waters =

spawning sp

SSE site-specific equation = total recoverable Т =

t = total tr = trout

TVS table value standard = <u>uu</u>g/l = micrograms per liter

UP use-protected

WAT weekly average temperature =

WS water supply =

warm stream temperature tier one WS-I = WS-II warm stream temperature tier two = WS-III warm stream temperature tier three =

warm lake temperature tier WL

(b) In addition, the following abbreviations are used:

> Fe(ch) WS Mn(ch) WS SO₄ 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

300 (µg/l (dissolved) (ii). Iron Manganese 50 (µg/l (dissolved)

250 mg/l SO₄

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) Table Value Standards

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 µµg/I 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[in(hardness)]-0.1158)} or 87, whichever is more stringent
Ammonia ⁽⁴⁾	Cold Water = (mg/l as N) Total
	$acute = \frac{0.275}{1+10^{7.204-pH}} + \frac{39.0}{1+10^{pH-7.204}}$
	$chronic = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN\left(2.85, 1.45*10^{0.028(25-T)}\right)$
	Warm Water = (mg/l as N) Total

l						
	$acute = \frac{0.411}{1 + 10^{7.204}}$	$\frac{1}{-pH} + \frac{1}{1}$	$\frac{58.4}{+10^{pH-7.204}}$			
		,	$\frac{1}{pH} + \frac{2.487}{1 + 10^{pH - 7.688}} $ * MIN (2.	85, 1.45 * 10 0.028(25– <i>T</i>))	
	chronic (Sep1 – Mar31) =	$= \left(\frac{0.057}{1+10^{7.68}}\right)$	$\frac{77}{18-pH} + \frac{2.487}{1+10}pH - 7.688$ * 1.45		7))	
Cadmium	Acute = (1.136672-[In	(hardness	s) x (0.041838)])x e	nardness)]-3.1485		
	Acute(Trout) = (1.136	672-[In(ha	rdness)x (0.041838)])x e ⁰	.9151[In(hardness)]-3.6236		
	Chronic = (1.101672-		0.7998[In/	(hardness)]-4.4451		
Chromium III ⁽⁵⁾	Acute = e ^{(0.819[In(hardness}		/ / / / /			
	Chronic= e(0.819[In(hardne	ess)]+0.5340)				
Chromium VI ⁽⁵⁾	Acute = 16					
	Chronic = 11					
Copper	Acute = $e^{(0.9422[ln(hardness)]}$	ss)]-1.7408)				
	Chronic = $e^{(0.8545[ln(hard)])}$	ness)]-1.7428)				
Lead	Acute = (1.46203-[ln(l	nardness)	*(0.145712)])* e ^{(1.273[In(hardne}	ess)]-1.46)		
	Chronic = (1.46203-[li	n(hardnes	s)*(0.145712)])* e ^{(1.273[In(hard}	dness)]-4.705)		
Manganese	Acute = $e^{(0.3331[ln(hardness)]}$					
	Chronic = $e^{(0.3331 [ln(hard)])}$	dness)]+5.8743)				
Nickel	Acute = $e^{(0.846[ln(hardness)])}$					
	Chronic = e ^{(0.846[In(hardn}	ess)]+0.0554)				
Selenium ⁽⁶⁾	Acute = 18.4					
	Chronic = 4.6					
Silver	Acute = $\frac{1}{2}e^{(1.72[\ln(\text{hardne}))}$	ss)]-6.52)				
	Chronic = $e^{(1.72[ln(hardne)]}$					
	Chronic(Trout) = $e^{(1.72)}$![In(hardness)]-1	10.51)	T	1	
Temperature	TEMPERATURE	TIER	SPECIES EXPECTED	APPLICABLE	TEMPER STAND	
	TIER	CODE	TO BE PRESENT	MONTHS	MWAT	DM
	Cold Stream Tier 1	CS-I	brook trout, cutthroat	June – Sept.	17.0	21.7
			trout	Oct. – May	9.0	13.0
	Cold Stream Tier 2	CS-II	Other cold-water species	April – Oct.	18.3	23.9 24.3
				Nov. – March	9.0	13.0
	Cold Lake	CL	brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2
	3000		rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0
	Cold Large Lakes (>100 acres surface	CLL	rainbow trout, brown	April – Dec.	18.3	23.8 24.2
	area)		trout, lake trout	Jan. – March	9.0	13.0
	Warm Stream	WS-I	common shiner, Johnny darter, orangethroat	March – Nov.	24.2	29.0

	Tier 1		darter <u>, stonecat</u>	Dec. – Feb.	12.1	14.5 <u>24.6</u>
	Warm Stream	WS-II	brook stickleback, central stoneroller, creek chub, longnose dace, northern	March – Nov.	27.5	28.6
	Tier 2	VV S-11	redbelly dace, finescale dace, razorback sucker, white sucker, mountain sucker	Dec. – Feb.	13.8	14.3 25.2
	Warm Stream	WS-III	all other warm-water	March - Nov.	28.7	31.8
	Tier 3	W 5-III	species	Dec. – Feb.	14.3	15.9 24.9
	Warm Lakes	WL	black crappie, bluegill, common carp, gizzard shad, golden shiner, largemouth bass, northern pike, pumpkinseed, sauger,	April – Dec.	26. 3 2	29. <u>53</u>
	warm Lakes	VVL	smallmouth bass, spottail shiner, stonecat, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	Jan. – March	13. 2 1	14.8 24.1
Uranium	Acute = e ^{(1.1021[ln(hardne)}					
	Chronic = $e^{(1.1021[ln(hard)])}$	iness)]+2.2382)				
Zinc	Acute = 0.978*e (0.9094	[In(hardness)]+	0.9095)			
	Chronic = 0.986*e (0.96)	บ94[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.

- 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 ugg/I 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.

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(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) μg/L
Aluminum(acute)=TVS(T) μg/L
Aluminum(chronic)=59 μg/L
Aluminum(acute)=159 μg/L

5/1-6/30 Near Bottom:
Aluminum(chronic)=1,542(T) μg/L
Aluminum(acute)=5,583(T) μg/L
Aluminum(chronic)=41 μg/L
Aluminum(acute)=65 μg/L

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 12/31/2018

Cadmium(acute)=TVS(tr)

7/1-4/30 Near Surface:
Aluminum(chronic)=102(T) µg/L
Aluminum(acute)=TVS(T) µg/L
Aluminum(chronic)=9 µg/L

Aluminum(acute)=15 µg/L

7/1-4/30 Near Bottom:
Aluminum(chronic)=227(T) μg/L
Aluminum(acute)= TVS(T) μg/L
Aluminum(chronic)=9 μg/L
Aluminum(acute)=12 μg/L

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 μg/L Lead(chronic)=3.0 μg/L Manganese(chronic)=165 μg/L

Zinc(acute/chronic)=548 / 393 µg/L

Cadmium(acute/chronic)=1.0 / 0.63 μg/L Lead(chronic)=1.3 μg/L Manganese(chronic)=WS Zinc(acute/chronic)=272 / 183 μg/L

High flow (April-July):

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 μg/L
Lead(chronic)=1.5 μg/L
Manganese(chronic)=92 μg/L
Zinc(acute/chronic)=306 / 148 μg/L

High flow (April-July):
Cadmium(acute/chronic)=0.83 / 0.51 μg/L
Lead(chronic)=0.75 μg/L
Manganese(chronic)=WS
Zinc(acute/chronic)=225 / 136 μg/L

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/chronic)=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 uug/L Copper(acute/chronic)=227 / 8.9 uug/L Lead(acute/chronic)=1,014 / 104 uug/L Manganese(acute/chronic)=TVS Silver(acute)=1.3 uug/L Zinc(acute/chronic)=24,000 / 5,977 uug/L

Windy Gulch

Cadmium(acute/chronic)=9.1 / 6.3 ug/L Copper(acute/chronic)=TVS / 5.8 ug/L Lead(acute/chronic)=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 µg/L
Copper(acute/chronic)=TVS
Lead(acute/chronic)=TVS / 30 µg/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=4,541 / 3,917 µg/L

Low flow (August-March):

Cadmium(acute/chronic)=17.5 / 15.4 ug/L Copper(acute/chronic)=TVS Lead(acute/chronic)=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/chronic)=TVS / 22 ug/L Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=4,190 / 3,009 ug/L

High flow (April-July):

Cadmium(acute/chronic)=15.6 / 10.3 μg/L Copper(acute/chronic)=TVS Lead(acute/chronic)=TVS / 22 μg/L Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=4,190 / 3,009 μg/L

Tier 2 standards effective from 1/1/2021

West Willow

Low flow (August-March):

Cadmium(acute/chronic)=67 / 50 µg/L

Copper(acute/chronic)=17.6 / 15.0 µg/L

Lead(acute/chronic)=268 / 183 µg/L

Manganese(acute/chronic)=TVS / 1,779 µg/L

Silver(acute)=TVS

Zinc(acute/chronic)=11,873 / 11,022 µg/L

Low flow (August-March):

Cadmium(acute/chronic)=67 / 50 ug/L Copper(acute/chronic)=17.6 / 15.0 ug/L

High flow (April-July):

Cadmium(acute/chronic)=32 / 19.2 µg/L Copper(acute/chronic)=15.0 / 9.4 µg/L Lead(acute/chronic)=103 / 47 µg/L Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=8,772 / 5,611 µg/L Lead(acute/chronic)=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/chronic)=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/chronic)=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 µg/L
Copper(acute/chronic)=TVS
Lead(acute/chronic)=TVS / 18.6 µg/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=2,521 / 1,733 µg/L

High flow (April-July):
Cadmium(acute/chronic)=14.5 / 8.9 μg/L
Copper(acute/chronic)=TVS
Lead(acute/chronic)=TVS / 13.1 μg/L
Manganese(acute/chronic)=TVS
Silver(acute)=TVS
Zinc(acute/chronic)=3,635 / 2,373 μg/L

Low flow (August-March):

Cadmium(acute/chronic)=13.9 / 11.2 ug/L Copper(acute/chronic)=TVS Lead(acute/chronic)=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/chronic)=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 upg/L Cadmium(chronic)=21.2 upg/L Copper(acute)=227 upg/L Copper(chronic)=8.9 upg/L Lead(acute)=1,014 upg/L Lead(chronic)=104 upg/L Silver(acute)=1.32 upg/L Zinc(acute)=24,000 uug/L Zinc(chronic)=5,977 uug/L

Windy Gulch

Cadmium(acute)=9.1 uug/L Cadmium(chronic)=6.3 uug/L Copper(chronic)=5.8 uug/L Zinc(acute)=2,804 uug/L Zinc(chronic)=1,914 uug/L

Willow

Cadmium(acute)=30.8 uµg/L
Cadmium(chronic)=17.9 uµg/L
Copper(acute)=6.4 uµg/L
Copper(chronic)=5.6 uµg/L
Lead(acute)=38.0 uµg/L
Lead(chronic)=31.3 uµg/L
Zinc(acute)=6,763 uµg/L
Zinc(chronic)=4,660 uµg/L

(5) Stream Classifications and Water Quality Standards Tables

The stream classifications and water quality standards tables in Appendix 36-1 are incorporated herein by reference.

<u>The following is information regarding duration and measured form of standards in Appendix 36-1:</u>

- (a) 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.
- (b) All phosphorus standards are based upon the concentration of total phosphorus. For total phosphorus, stream standards are expressed as an annual median and for lakes standards as a summer (July 1 September 30) average in the mixed layer. For chlorophyll a, stream standards are expressed as a maximum of attached algae and lakes standards as a summer (July 1 September 30) average in the mixed layer. For additional assessment details, see tables at Regulation 31.17(b) and (d).
- (c) 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.
- (d) All mercury standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water.

36.7 - 36.9 RESERVED

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36.42 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

A. Water Body Segmentation

Some segments were renumbered, combined, or new segments were created to facilitate appropriate organization of water bodies in this regulation. Renumbering and/or creation of new segments was made based on information that showed: a) the original reason for segmentation no longer applied; b) significant differences in uses, water quality and/or physical characteristics warrant a change in standards on only a portion of the existing segment; and/or c) certain segments could be merged into one segment because they had similar water quality and uses. The following changes were made:

Rio Grande segments 5a and 5b: Segment 5 was divided into segments 5a and 5b as part of changes to temperature standards. The following streams were moved to new Segment 5b: the mainstem of Alder Creek; mainstem of East Alder Creek, including all tributaries and wetlands, from the souce to the confluence with Alder Creek; mainstem of Agua Ramon Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande; and the mainstem of Embargo Creek, including all tributaries and wetlands, from immediately above the confluence with Dyers Creek to the confluence with the Rio Grande. The remaining Segment 5 streams were included in Segment 5a. Segment 5a retained CS-I temperature standards and new Segment 5b was assigned CS-II temperature standards.

Rio Grande segments 9a and 9b: Segment 9 was divided into segments 9a and 9b as part of changes to temperature standards. The following streams were moved to new Segment 9b: the mainstem of the South Fork Rio Grande, including all tributaries and wetlands, below Decker Creek. Beaver Creek and its tributaries from the source to Beaver Creek Reservoir remained in Segment 5a, as did the mainstem of the South Fork Rio Grande, including all tributaries and wetlands, from just below Decker Creek. Segment 9a retained CS-I temperature standards and new Segment 9b was assigned CS-II temperature standards.

Rio Grande segments 11a and 11b: Segment 11 was divided into segments 11a and 11b as part of changes to temperature standards. The following streams were moved to new Segment 11b: the mainstem of West Fork San Francisco Creek, mainstem of East Fork San Francisco Creek, and mainstem of Spring Branch and its unnamed tributary, from the source to the confluence with San Francisco Creek (Rio Grande County). The mainstem of San Francisco Creek and Middle San Francisco Creek remained in Segment 11a. The portion of San Francisco Creek below Spring Branch, previously included in Segment 15, was added to Segment 11a. Segment 11a retained CS-I temperature standards and new Segment 11b was assigned CS-II temperature standards.

Alamosa River/La Jara Creek/Conejos River segments 2 and 20: Tributaries of the Alamosa River entering from the south, from a point immediately below the confluence of Bitter Creek to the inlet of Terrace Reservoir, were moved from Segment 20 to Segment 2 to facilitate a change in temperature standards and the Aquatic Life use. Segment 2 retained a Cold 1 Aquatic Life use classification with CS-I temperature standards. Segment 20 was reclassified as Cold 2 Aquatic Life use with CS-II temperature standards.

<u>Closed Basin – San Luis Valley River Basin segments 3 and 6:</u> The mainstem of South Crestone Creek from a point just below the Spanish Creek Trail road crossing (37.981612, -105.713237) to

its confluence with Crestone Creek, as well as the mainstem of Crestone Creek from its source at the confluence of North Crestone Creek and South Crestone Creek to the mouth, were moved from Segment 3 to Segment 6 to facilitate removal of the Water Supply use from Segment 6.

<u>Closed Basin – San Luis Valley River Basin segments 12a, 12b, and 12c:</u> Existing Segment 12b was moved to new Segment 12c and retained a Cold 1 Aquatic Life use classification with CS-II temperature standards. The mainstem of Saguache Creek from a point just below the confluence of Fourmile Creek to a point just below the confluence with Ford Creek was moved from Segment 12a to Segment 12b to facilitate a change in temperature standards. Segment 12a retained CS-I temperature standard. Segment 12b was assigned CS-II standards with an ambient-based summer MWAT.

Segment descriptions were also edited to improve clarity, correct typographical errors, and correct spelling errors. These changes are listed in Section M.

B. Aquatic Life Use Classifications and Standards

Some segments assigned an Aquatic Life use classification were missing a standard to protect that use. The commission adopted the missing standards for the following segments:

[List to be completed following preliminary final action by the Commission.]

The commission reviewed information regarding the existing aquatic communities. For segments where the existing aquatic communities are not aligned with the Aquatic Life use, the following segments were downgraded from Cold 1 to Cold 2:

[List to be completed following preliminary final action by the Commission.]

The commission reviewed all Class 2 segments that have fish that are "of a catchable size and which are normally consumed and where there is evidence that fishing takes places on a recurring basis." Water + Fish or Fish Ingestion standards were applied to the following segments:

[List to be completed following preliminary final action by the Commission.]

C. Recreation Use Classifications and Standards

The commission reviewed information regarding the current Recreation use classifications and evidence pertaining to actual or potential primary contact recreation, and no changes were adopted at this time. In addition, newly created segments were given the same Recreation use classification as the segment from which they were split, unless there was insufficient evidence to support keeping that classification, or evidence to show that the existing use classification was inappropriate.

D. Water Supply Use Classification and Standards

The commission added a Water Supply use classification and standards where the evidence demonstrated a reasonable potential for a hydrological connection between surface water and alluvial wells used for drinking water. The Water Supply use classification and standards were added to the following segments:

[List to be completed following preliminary final action by the Commission.]

The commission removed the Water Supply use classification and standards where the evidence demonstrated that a Water Supply use does not currently exist due to flow or other conditions, and that such a use is not reasonably expected in the future due to water rights, source water options, or other conditions. The Water Supply standard for chloride was retained for these segments, given concerns

regarding the protection of aquatic life by the existing Water Supply standards. The Water Supply use classification and standards, except for chloride, were removed from the following segments:

[List to be completed following preliminary final action by the Commission.]

For the segments where the Water Supply use classification and standards were removed, the commission adopted the division's proposal to retain the 250 mg/L chronic (30-day average) standards for chloride as an interim step, based on evidence presented demonstrating the toxic effects of chloride on aquatic life. Retaining the current chloride standard is necessary to protect the assigned Aquatic Life uses and to ensure that these waters are free from substances toxic to aquatic life in accordance with 31.11(1)(a)(iv). The commission retained the numeric standard for chloride because narrative standards have often proved challenging to implement, and interim numeric standards will provide implementable interim standards while allowing time for development of robust replacement criteria based on the latest scientific information.

The commission recognizes that there is scientific uncertainty about the appropriate standards for chloride and/or sulfate to protect the Aquatic Life use, and that appropriate standards may need to recognize that toxicity is affected by site water characteristics (similar to the influence of hardness on the toxicity of dissolved metals). The commission's intention is that future revisions to the numeric standards assigned to these segments, and also to Regulation No. 31 (i.e., aquatic life-based table values chloride and/or sulfate), can be considered if: (1) EPA issues new or updated CWA § 304(a) Aquatic Life criteria recommendations, (2) another state adopts new or revised Aquatic Life criteria and EPA approves, or (3) protective criteria otherwise become available that incorporate the latest scientific information on the risks to aquatic life posed by these pollutants.

E. Agriculture Use Classification and Standards

The commission reviewed the single segment lacking an Agriculture use. Based on an evaluation of the available data and information, no changes were adopted at this time.

F. Other Standards to Protect Agriculture, Aquatic Life, and Water Supply Uses

1. **Molybdenum:** In 2010, the commission adopted a new standard for molybdenum to protect cattle from the effects of molybdenosis. The table value adopted at that time was 300 μg/L, but included an assumption of 48 mg/day of copper supplementation to ameliorate the effects of molybdenosis. State and local experts on cattle nutrition indicated that copper supplementation in the region is common, but is not universal. Therefore, the copper supplementation assumption was removed from the equation, which then yielded a standard of 160 μg/L. That standard was applied in recent basin reviews.

In the 2015 Regulation No. 38 hearing, the commission adopted a standard of 150 μ g/L, based on an improved understanding of the dietary- and water-intake rates for various life-stages of cattle. This standard is protective of all life-stages of cattle (including lactating cows and growing heifers, steers and bulls) at all times of year.

The Agriculture table value assumes that the safe copper:molybdenum ratio is 4:1. Food and water intake is based on growing heifers, steers, and bulls consuming 6.7 kg/day of dry matter and 56.8 liters of water per day. Molybdenum supplementation is assumed to be zero. The table value standard (TVS), which considers total copper and molybdenum intakes, is calculated from the following equation:

Mo TVS =
$$\frac{(\text{Cu}_{\text{forage}} \text{ x Forage}_{\text{intake}}) + (\text{Cu}_{\text{water}} \text{ x Water}_{\text{intake}}) +}{\text{Cu}_{\text{supp}}} - (\text{Mo}_{\text{forage}} \text{ x Forage}_{\text{intake}})}$$

$$= \frac{\text{Cu}_{\text{Safe Ratio}}}{\text{Water}_{\text{intake}}}$$

The assumed values for these equations are as follows:

Cu_{forage} = 7 mg/kg, Forage_{intake} = 6.7 kg/day, Cu_{water} = 0.008 mg/L, Water_{intake} = 56.8 L/day, Cu_{supplementation} = 0 mg/day, Cu:Mo Safe Ratio = 4:1, Mo_{forage} = 0.5 mg/kg.

In 2010, the commission also adopted a new standard for molybdenum to protect the Water Supply use that was calculated in accordance with Policy 96-2.

A molybdenum standard of 150 μ g/L was adopted for all segments in Regulation No. 36 that have an Agriculture use classification, and where livestock or irrigated forage are present or expected to be present.

The following segments (or portions of segments) have an Agriculture use classification and a Water Supply use, but livestock watering does not occur. A molybdenum standard of 210 µg/L was retained on these segments to protect the Water Supply use:

[List to be completed following preliminary final action by the Commission.]

2. Cadmium for Aquatic Life: The commission adopted updated hardness-based cadmium Aquatic Life standards on a targeted, site-specific basis in cold waters to reflect the most upto-date science. The new standards, released by the U.S. Environmental Protection Agency (EPA) in March 2016, are protective of sensitive cold water aquatic life (i.e., trout). The cadmium criteria recommended by EPA and adopted by the commission are as follows:

```
\label{eq:acute} \begin{split} &\text{Acute} = e^{(0.9789^* \ln(\text{hardness}) - 3.866)^*} (1.136672 - (\ln(\text{hardness})^* 0.041838)) \\ &\text{Chronic} = e^{(0.7977^* \ln(\text{hardness}) - 3.909)^*} (1.101672 - (\ln(\text{hardness})^* 0.041838)) \end{split}
```

EPA's updated cadmium criteria are less stringent than Colorado's current cadmium standards when water hardness is greater than 45 mg/L CaCO₃. Although the criteria are less stringent, they were developed using the latest science and are protective of aquatic life, and it is expected that Colorado's state-wide cadmium standards will likely be updated using the 2016 EPA cadmium criteria at a later date. Therefore, the commission determined it was appropriate to adopt the new criteria for waters known to be impaired for cadmium to ensure forthcoming clean-up goal development and Total Maximum Daily Load (TMDL) evaluations are based on the most relevant water quality standards available. The updated cadmium standards were adopted for the following segments:

[List to be completed following preliminary final action by the Commission.]

3. Cadmium, Nickel, and Lead for Water Supply: A review of the cadmium, nickel, and lead standards showed that uses were not always adequately protected by the standards currently in the tables. Depending on hardness, the Aquatic Life standards for cadmium, lead, and nickel were not protective of the Water Supply use. The division reviewed all segments in Regulation No. 36 to determine if the current standards applied to each segment are fully protective of the assigned uses, and revised or added standards where appropriate.

The cadmium Water Supply standard was added because the acute Aquatic Life standard is not protective when the hardness was greater than 200 mg/L in non-trout streams and

345 mg/L in trout streams; the lead Water Supply standard was added because the acute Aquatic Life standard is not protective when hardness is greater than 79 mg/L; and the nickel Water Supply standard was added because the chronic Aquatic Life standard is not protective when hardness is greater than 216 mg/L. Cadmium, lead, and nickel Water Supply standards were added to the following segments:

[List to be completed following preliminary final action by the Commission.]

4. Aquatic Life Criteria for Selenium and Ammonia: The commission declined to adopt EPA's revised 304(a) Aquatic Life criteria for selenium and ammonia at this time; however, the division is committed to evaluating these new criteria. Studies are currently underway for each parameter to improve understanding of these criteria in the context of water quality conditions in Colorado and how these criteria may be adopted and implemented in Colorado in the future.

G. Antidegradation Designations

The commission reviewed all segments designated Use Protected to determine if the Use Protected designation was still warranted. Based upon available water quality data that meet the criteria of 31.8(2)b, the Use Protected designation was removed from the following segments:

[List to be completed following preliminary final action by the Commission.]

The commission reviewed all Reviewable segments to determine if this Antidegradation designation was still warranted. Based upon available water quality data that fails to meet the criteria of 31.8(2)b, the Reviewable designation was not removed from any segments.

H. Site-Specific Ambient Quality-Based and Criteria-Based Standards

Ambient quality-based standards are adopted where a comprehensive analysis has been conducted demonstrating that elevated existing water quality levels are the result of natural conditions or are infeasible to reverse, but are adequate to protect the highest attainable use.

All existing site-specific standards were reviewed, and where appropriate were revised or deleted based on new information. Site-specific standards were deleted from the following segments:

[List to be completed following preliminary final action by the Commission.]

I. Temporary Modifications

All existing Temporary Modifications were examined to determine if they should be allowed to expire or if they should be extended, either unchanged or with changes to the numeric limits.

The commission allowed to expire on 12/31/2018 temporary modifications on the following segments:

[List to be completed following preliminary final action by the Commission.]

To remain consistent with the commission's decisions regarding arsenic in 36.33, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/21) were retained.

J. Temperature Standards for Rivers and Streams

The commission revised temperature criteria in Regulation No. 31 in 2007, and again in 2010, based on the development of the Colorado Temperature Database and a lengthy stakeholder process. In 2013, the new temperature standards were adopted for all segments with an Aquatic Life use classification in

Regulation No. 36. In June 2016, temperature criteria in Regulation No. 31 were further revised, including changes to the temperature table value standards, revision of warm water winter acute standards, and the addition of footnotes to protect lake trout and mountain whitefish.

- 1. Colorado Temperature Database Update: The Colorado Temperature Database was updated in 2016 to reflect the most recent research regarding the thermal requirements of Colorado's fishes, which allowed for adoption of an overall update of the cold and warm water acute and chronic temperature table value standards. In this hearing, the commission adopted revisions at 36.6(3) to bring this regulation into conformity with the revised table value standards found in Table I of Regulation No. 31.
- 2. Warm Water Winter Acute Table Values: The 2016 updates to the temperature database also allowed for the adoption of revisions to the warm water winter acute table values. When seasonal numeric temperature standards were first adopted in 2007, warm water winter acute and chronic standards were simply set at half the summer season table values, recognizing a pattern seen in cold waters. In 2016, the acute winter table values for warm water fish were revised based on lethal temperature thresholds established in laboratory experiments for fish acclimated to "winter" temperatures. Standards derived using this new method more accurately protect warm water fish from acute thermal effects in winter. In this hearing, the commission adopted revisions at 36.6(3) to bring this regulation into conformity with the revised warm water winter acute temperature table value standards found in Table I of Regulation No. 31.
- 3. Mountain Whitefish and Lake Trout Footnotes: In 2016, the commission adopted two footnotes to Table I of Regulation No. 31 to allow for additional thermal protection of mountain whitefish and lake trout where appropriate. These species were given special standards due to their thermal sensitivity and limited distributions. Lake trout occur in only a small number of lakes and reservoirs, and thermally-sensitive spawning and early life stages of mountain whitefish are known to occur only in certain cold water tributaries. In Regulation No. 36, there are no water bodies where lake trout are expected to occur, or where thermally-sensitive spawning and early life stages of mountain whitefish are known to occur, based upon information provided by Colorado Parks and Wildlife. No changes were adopted at this time to protect mountain whitefish or lake trout.
- 4. Refinement of Temperature Standards: Since temperature criteria were revised in Regulation No. 31 in 2007, the division and others have worked to ensure that appropriate temperature standards were adopted for segments throughout the state. At times, this effort to assign temperature standards has also included reevaluation of the existing Aquatic Life use classifications, and use revisions have been proposed and adopted where appropriate. Incremental progress continues as temperature standards are refined based on the experience and data gains that have occurred since initial adoption of temperature standards.

In the 2016 Regulation No. 31 hearing, the commission declined to adopt the division's proposal for statewide solutions for temperature transition zones and shoulder seasons, in favor of a basin-by-basin consideration of temperature standards on a site-specific basis. The basin-by-basin approach was selected as it allows for consideration of temperature attainability and ambient quality-based site-specific temperature standards issues in the context of multiple lines of evidence and site-specific contravening evidence. The sections below describe the considerations and methods used to develop and support the site-specific temperature standards revisions adopted in this basin hearing.

i. <u>Existing Uncertainty</u>: While a great deal of progress has been made regarding the development and implementation of temperature standards, uncertainty still remains for some segments due to the lack of site-specific temperature or aquatic community information or conflicts between the lines of evidence. This uncertainty was highlighted in the statement of basis and purpose language for the 2013 Regulation No. 36 Rulemaking Hearing at 36.34.K. To address this uncertainty, these segments were targeted for additional data collection

where possible, and all new information collected for these segments was evaluated as part of this basin review.

- ii. Attainability: Following the commission's 2016 direction to consider attainability issues using a basin-by-basin approach, the division reviewed all available information to identify segments where attainability issues may exist based upon available instream temperature data and expected in-stream summer maximum weekly average temperatures (MWATs). Expected MWATs were determined using regression analysis of temperature and elevation and the NorWeST Stream Temperature Regional Database and Model. This screening found that many segments, or portions of segments, were not expected to attain the summer or winter chronic temperature standards. These waters were targeted for additional review, as were waters listed as impaired for temperature on the 2016 303(d) List.
- iii. Aquatic Life Use: For these selected segments, the division conducted a comprehensive, site-specific review of the existing use classification and temperature standards. Fishery data provided by Colorado Parks and Wildlife (CPW) was evaluated to identify fish species expected to occur, whether reproduction is expected (i.e., stocked, transient, or resident species), age class structures, and any other relevant information regarding aquatic life communities. For segments where little or no information on fish species expected to occur existed, fish population data from adjacent and representative water bodies was utilized when possible.
- iv. <u>Thermal Drivers</u>: In cases where temperature standards to protect the highest attainable use were determined, but the temperature standards were not attainable, site-specific factors that influence in-stream temperature were evaluated to identify any correctable anthropogenic thermal sources. All available data on temperature, hydrology, hydro-modification, canopy cover, groundwater influence, point and non-point thermal sources, and other relevant information was reviewed.

Based upon information regarding the species expected to occur, temperature data, physical habitat, land cover/use, groundwater inputs, flow conditions, and all other available information regarding thermal drivers, the commission adopted revisions of temperature standards for the segments listed below where water quality is not feasible to improve or where the thermal regime is the result of natural conditions, but is sufficient to protect the highest attainable use.

The following segments were changed from CS-I to CS-II:

[List to be completed following preliminary final action by the Commission.]

Ambient temperature standards were adopted where a use attainability analysis was conducted demonstrating that elevated ambient temperatures are the result of natural conditions or are not feasible to improve to the level required by the current numeric standard, but are adequate to protect the highest attainable use. New ambient temperature standards were adopted for the following segments:

[List to be completed following preliminary final action by the Commission.]

Adequate data or resources were not always available to support a revision of the use classification or a temperature standards change. In these cases, no change was proposed. It is the commission's intent that the division and interested parties work to resolve the uncertainty. There is uncertainty regarding the appropriate use classifications and temperature standards to protect the highest attainable use still exist for the following segments:

[List to be completed following preliminary final action by the Commission.]

Moving forward with this site-specific approach, the commission encourages the division to consider whether any additional information would be appropriate to be included in the use attainability analyses.

K. Other/Site-Specific Revisions

[To be completed following preliminary final action by the Commission.]

L. Standards Corrections and Clarifications

- 1. **Duration of Nitrite Standard:** The commission corrected the duration of the nitrite standard from chronic to acute on all segments. When the commission adopted the new format for tables in 2016, all nitrite standards were incorrectly included in the "chronic" standards column.
- 2. Uranium: To improve the clarity of the regulation, the commission included references to the basin-wide uranium standards at 36.5(3) in the Appendix 36-1 tables. The commission included the chronic uranium Water Supply standard of 16.8-30 μg/L in the tables for all segments with a Water Supply use to clearly define the underlying standard necessary to protect the use. In addition, for all segments (with or without a Water Supply use), the commission included a reference to 36.5(3) to clarify that the basic standard at 36.5(3) applies to all waters in Regulation No. 36. Because these standards already applied basin-wide, there is no practical effect of this change.
- 3. Mercury: To improve the clarity of the regulation, the commission added Total Recoverable notation (T) to the mercury Aquatic Life and Water Supply standards. The standards apply to the total recoverable fraction of all forms, both organic and inorganic, of mercury in water. Multiple forms of mercury exist in the environment and these forms differ dramatically in both their potential to cause toxic effects and their availability for uptake by organisms. Certain aquatic conditions can lead to the conversion to the highly bioaccumulative, toxic, organic form (methylmercury). The mercury standards are designed to provide protection from the accumulation of those toxic forms and therefore, the standards address all forms of mercury. The addition of the Total Recoverable notation does not represent a change in current Colorado policy or procedures.

M. Correction of Typographical and Other Errors and Segmentation Clarification

The following edits were made to segment descriptions to improve clarity and correct typographical errors:

- The formatting of the tables in Appendix 36-1 was modified to include only parameters that have been adopted in a majority of segments. The tables include rows for physical and biological, inorganic and metals for all parameters which the commission commonly adopts into segments. In segments where there is no numeric standard for a commonly adopted parameter, a blank row for that parameter is included to show the commission's site-specific decision not to adopt a numeric standard for that parameter. The commission removed beryllium and aluminum from all segments where no standard has been adopted, because these parameters have only been adopted on a site-specific basis, rather than basin-wide.
- Existing site-specific temperature standards for segments Rio Grande 20a, 21b, and 23b, and Closed Basin 2c and 19 were reformatted in the tables to provide clarity and consistency.
- Existing site-specific metals standards for segments Rio Grande 4a and 7 and Alamosa River/La Jara Creek/Conejos River Segment 8 were reformatted in 36.6(4) to improve readability.

- Rio Grande Segment 3: The reference to Seepage Creek was removed from the segment description, as this stream is not located at the outlet of Santa Maria Reservoir, but rather on the south side of Santa Maria Pass. As a result of this change, Seepage Creek will reside in Rio Grande Segment 2.
- Rio Grande Segment 5a: The word "the" was added before "Hwy 122 bridge" to improve clarity.
- Rio Grande segments 6 and 7: Coordinates for the Park Regent Mine Dump were added.
- Rio Grande Segment 7: Commas were modified for clarity.
- Rio Grande segments 12 and 13: Coordinates for the county road crossing were added. Reference to the "Old State Bridge east of Lobatos" was removed.
- Rio Grande 15: Commas and spacing were modified for clarity. The duration of the cadmium and mercury standards were corrected from chronic to acute.
- Rio Grande 17: Wetlands were included in the description twice, so one was removed.
- Rio Grande Segment 18: The Fish Ingestion qualifier was removed from this segment, as it was originally added in error in a past rulemaking.
- Rio Grande segment 19 and 34: Coordinates for the Monte Vista Canal were added.
- Rio Grande Segment 20a: The dates for the site-specific temperature standards were corrected to include the month of October.
- Rio Grande Segment 20b: This segment does not have a Water Supply use, so the manganese Water Supply standard was deleted.
- Rio Grande segments 21a and 21b: Replaced the latitude line with coordinates.
- Rio Grande Segment 21b: The dates for the site-specific temperature standards were corrected to include the months of October and June.
- Rio Grande Segment 23b: The dates for the site-specific temperature standards were corrected to include the month of October.
- Rio Grande Segment 25: Commas were modified for clarity.
- Rio Grande segments 28 and 29: Replaced the segment boundary of "the outlet of Salzar Reservoir" with coordinates for a road crossing next to the reservoir. Salzar Reservoir does not appear to have an outlet to Rito Seco.
- Rio Grande Segment 31: Corrected typos to improve consistency and clarity.
- Rio Grande Segment 36: Commas were modified for clarity.
- Rio Grande Segment 38: Replaced the comma at the end of the description with a period.
- Alamosa River/La Jara Creek/Conejos River Segment 3b: Deleted the word "the" from before "Wightman Fork" to improve clarity.
- Alamosa River/La Jara Creek/Conejos River segments 4b and 5: Moved tributaries and wetlands language to improve consistency and clarity.
- Alamosa River/La Jara Creek/Conejos River segments 5 and 6: Coordinates for the township description were added.
- Alamosa River/La Jara Creek/Conejos River Segment 7: Unused standards were deleted from the table.
- Alamosa River/La Jara Creek/Conejos River Segment 11a: Rephrased to improve clarity.
- Alamosa River/La Jara Creek/Conejos River Segment 11b: Corrected typos and rephrased to improve clarity.
- Alamosa River/La Jara Creek/Conejos River segments 15 and 16: Changed "San Antonio River" to "Rio San Antonio".
- Alamosa River/La Jara Creek/Conejos River Segment 16: Replaced the mercury standard of "TVS" with "0.01".
- Alamosa River/La Jara Creek/Conejos River Segment 20: Commas and spacing were modified for clarity.

- Alamosa River/La Jara Creek/Conejos River Segment 21: Added Segment 20 as an exception to this segment. The duration of the cadmium and mercury standards were corrected from chronic to acute.
- Closed Basin San Luis Valley River Basin Segment 4: Corrected a typo and added a comma for clarity.
- Closed Basin San Luis Valley River Basin Segment 8: Added a comma and clarified the segment description.
- Closed Basin San Luis Valley River Basin Segment 9a: The duration of the mercury standard was corrected from chronic to acute. Unused standards were deleted from the table.
- Closed Basin San Luis Valley River Basin Segment 11: Rephrased language regarding exceptions to improve consistency and clarity.
- Closed Basin San Luis Valley River Basin Segment 12a: Added "with" before "Ford Creek".
- Closed Basin San Luis Valley River Basin Segment 13: Corrected a typo and clarified the segment description.
- Closed Basin San Luis Valley River Basin Segment 18: Added a space between "16" and "17".
- Closed Basin San Luis Valley River Basin Segment 19: The temperature standards for this segment were corrected. CLL temperature standards were applied to replace the missing DM values. The site-specific summer MWAT of 21.2°C was inadvertently deleted during a previous rulemaking, and was replaced. In addition, the dates for the summer temperature standards were corrected from "1/1-3/31" to "4/1-12/31".

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 06/30/2017 12/31/2018

1. All tributarie	Classifications	Physical and I	Riological			Motals (ug/L)	
		Physical and I		BANA/A T		Metals (ug/L)	-1
Designation	⊣ "		DM	MWAT		acute	chronic
WC	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum		_
	Water Supply	20 (")	acute	chronic	Arsenic	340	
O!!f!	water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	te of 12/31/2021				Chromium III(T)	50	
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
he facilities lis	sted at 36.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the l at 36.5(4).	Ammonia	TVS	TVS	Iron		WS
	te) = See 36.5(3) for details.	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	 0.05	0.05	Molybdenum(T)		160 150
		Phosphorus	<u></u>	0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	₩	TVS
		Sullide		0.002	Silver	TVS	TVS(tr)
					Silvei	173	
					I be a selection		40000 A
2. Mainstem o	of the Rio Grande, including all tributari	es and wetlands, from the source	e to a point immedi	ately above t	Uranium Zinc he confluence with Willow	varies* TVS Creek, excluding the	TVS
2. Mainstem o segments 1 ar CORGRG02		es and wetlands, from the source Physical and I	·	ately above t	Zinc he confluence with Willow	TVS	
segments 1 a	nd 3.	•	·	ately above t	Zinc he confluence with Willow	TVS Creek, excluding the	TVS
segments 1 and CORGRG02 Designation	nd 3. Classifications	•	Biological	•	Zinc he confluence with Willow	TVS Creek, excluding the Metals (ug/L)	TVS listings in
Segments 1 and CORGRG02 Designation	nd 3. Classifications Agriculture	Physical and l	Biological DM	MWAT	Zinc he confluence with Willow	TVS Creek, excluding the Metals (ug/L)	TVS listings in
Segments 1 and CORGRG02 Designation	nd 3. Classifications Agriculture Aq Life Cold 1	Physical and l	Biological DM CS-I	MWAT CS-I	Zinc he confluence with Willow Aluminum	TVS Creek, excluding the Metals (ug/L) acute	TVS listings in chronic
concept and a co	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I	Biological DM CS-I acute	MWAT CS-I chronic	Zinc he confluence with Willow Aluminum Arsenic	TVS Creek, excluding the Metals (ug/L) acute 340	TVS listings in chronic
segments 1 a	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and I	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T)	TVS Creek, excluding the Metals (ug/L) acute 340	TVS listings in chronic
concept and the concept and th	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium	TVS Creek, excluding the Metals (ug/L) acute 340	TVS distings in chronic 0.02 TVS
concept and the concept and th	nd 3. 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-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr)	chronic 0.02
corporary Marsenic(chron	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): iic) = hybrid	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*	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0	TVS distings in chronic 0.02 TVS ==
Designation Reviewable Qualifiers: Dther: Temporary Marsenic(chron Expiration Date	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply dodification(s): iic) = hybrid te 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)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50	TVS distings in chronic 0.02 TVS TVS TVS
Designation Reviewable Qualifiers: Other: Femporary Marsenic(chron Expiration Date of the control of the contr	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = 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)	DM CS-I acute 6.5 - 9.0 c (mg/L)	MWAT CS-I chronic 6.0 7.0 150* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	TVS listings in chronic 0.02 TVS TVS TVS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Control Co	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(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)	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	TVS listings in chronic 0.02 TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Contact of the contact of t	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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 TVS	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS distings in chronic 0.02 TVS TVS TVS TVS TVS TVS WS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Contact of the contact of t	nd 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(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-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 he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS distings in chronic 0.02 TVS TVS TVS TVS WS 1000
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Reviewable Contact of the	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS distings in chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Contact of the contact of t	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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	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 he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS	TVS listings in chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Contact of the contact of t	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Contact of the contact of t	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Reviewable Contact of the	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Coulifiers: Designation Reviewable Coulifiers: Designation Reviewable Coulifiers: Designation Coulifiers: Designation Coulifiers Designation Designation Coulifiers Designation	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Reviewable Contact of the	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 460150
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Reviewable Contact of the	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011 0.05 0.11*	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS 50 TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS SUS 1000 TVS TVS/WS 0.01 160150 TVS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Reviewable Contact of the	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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 Sulfate	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
Designation Reviewable Qualifiers: Designation Reviewable Qualifiers: Designation Contact of the contact of t	Ind 3. Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iddification(s): Id	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 Sulfate	Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Zinc he confluence with Willow Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Creek, excluding the Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS

tr = trout

D.O. = dissolved oxygen

CORGRG03	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	, p. 1	acute	chronic	Arsenic	340	
Qualifiers:	I	D.O. (mg/L)		6.0	Arsenic(T)		7.6
ish Ingestic	on Standards Apply	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
Uranium(acu	ute) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III(T)		100
		,			Chromium VI	TVS	TVS
		Inorgan	nic (mg/L)		Copper	TVS	TVS
		inorgan	acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		160 150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite			Silver	TVS	TVS(tr)
			<u>0.05</u>	0.05	Uranium	varies*	1 (0(11)
		Phosphorus		0.11	Zinc	TVS	TVS
		Sulfate			ZIIIC	173	173
la Mainatam	of the Die Crende from a naint imm	Sulfide		0.002	ataly above the confluence	with the South Fork (Pio Crondo
	of the Rio Grande from a point imm A Classifications	Physical and	•	Joint immedia	1	Metals (ug/L)	Rio Grande.
Designation		1 Hysical and	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		
toriowabio	Recreation E	Temperature 0	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)	340	0.02
Qualifiers:	11.7	D.O. (mg/L) D.O. (spawning)		7.0	Beryllium		0.02
		pH	6.5 - 9.0		Cadmium		veriee*
Other:		chlorophyll a (mg/m²)	0.5 - 9.0			varies*	varies*
	Modification(s):	, , , , , ,			Chromium III	<u>5.0</u>	T)/C
,	ch) = current conditions conic) = current	E. Coli (per 100 mL)		126	Chromium III		TVS
conditioncond					Chromium III(T)	50 T) (0	 T/O
ead(chronic)		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
Zinc(chronic)	= current		acute	chronic	Copper .	TVS	TVS
condition <u>cond</u>	<u>ditions</u> te of 12/31/2018	Ammonia	TVS	TVS	Iron		WS
Arsenic(chror		Boron		0.75	Iron(T)		1000
11361116(611101	, •	Chloride		250	Lead	TVS	varies*
Expiration Da		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	==
•		0	0.005		Manganese	TVS	varies*
Cadmium(ad	cute) = See 36.6(4) for site-specific d assessment locations.	Cyanide	0.000		Mercury(T)		
· Cadmium(ac tandards and Cadmium(ch	d assessment locations. rronic) = See 36.6(4) for site-specific	A11:	10				0.01
Cadmium(ac tandards and Cadmium(ch tandards and	d assessment locations.	A11:		 0.05 <u></u>	Molybdenum(T)		160 <u>150</u>
Cadmium(ac standards and Cadmium(ch standards and Lead(chronic standards and	d assessment locations. ironic) = See 36.6(4) for site-specific d assessment locations. c) = See 36.6(4) for site-specific d assessment locations.	Nitrate Nitrite Phosphorus	10				0.01 160<u>150</u> TVS
Cadmium(ac standards and Cadmium(ch standards and Lead(chronic standards and Manganese(d assessment locations. aronic) = See 36.6(4) for site-specific d assessment locations. c) = See 36.6(4) for site-specific	Nitrate Nitrite Phosphorus	10 <u>0.05</u>	0.05<u></u>	Molybdenum(T)		160<u>150</u> TVS
Cadmium(actandards and Cadmium(chitandards and Lead(chronictandards and Manganese(trandards and Uranium(acu	d assessment locations. Ironic) = See 36.6(4) for site-specific d assessment locations. c) = See 36.6(4) for site-specific d assessment locations. chronic) = See 36.6(4) for site-specific d assessment locations. Itel = See 36.5(3) for details.	Nitrate Nitrite Phosphorus	10 <u>0.05</u> 	0.05	Molybdenum(T) Nickel	TVS	160 <u>150</u> TVS <u>100</u>
Cadmium(actandards and Cadmium(chadrds and Lead(chronictandards and Manganese(tandards and Uranium(act	d assessment locations. Ironic) = See 36.6(4) for site-specific d assessment locations. c) = See 36.6(4) for site-specific d assessment locations. chronic) = See 36.6(4) for site-specific d assessment locations. Ite) = See 36.5(3) for details. ESee 36.6(4) for site-specific	Nitrate Nitrite Phosphorus Sulfate	10 <u>0.05</u> 	0.05 WS	Molybdenum(T) Nickel Nickel(T)	 TVS ===	160 <u>150</u> TVS 100 TVS TVS(tr)
tandards and Cadmium(ch tandards and Lead(chronic tandards and Manganese(standards and Uranium(acu Zinc(acute) = standards and Zinc(chronic Chronic Cadmium(chronic Cadmium(ch	d assessment locations. Ironic) = See 36.6(4) for site-specific d assessment locations. c) = See 36.6(4) for site-specific d assessment locations. chronic) = See 36.6(4) for site-specific d assessment locations. Itel = See 36.5(3) for details.	Nitrate Nitrite Phosphorus Sulfate	10 <u>0.05</u> 	0.05 WS	Molybdenum(T) Nickel Nickel(T) Selenium	 TVS == TVS	160 <u>150</u>

CORGRG04B	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVSSSE*
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Cadmium	SSE*	
Arsenic(chroni	` '	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	==
,	e of 12/31/2021				Chromium III		TVS
*Codmium(oo	ute) = e^(0.9789*ln(hardness)-	Inorgan	nic (mg/L)		Chromium III(T)	50	
3.866)*(1.1366	372-(ln(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS
	onic) = e^(0.7977*In(hardness) 672-(In(hardness)*0.041838))	Ammonia	TVS	TVS	Copper	TVS	TVS
	e) = See 36.5(3) for details.	Boron		0.75	Iron		ws
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	<u>50</u>	=
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	<u>0.05</u>	0.05	Mercury(T)		0.01
		Phosphorus			Molybdenum(T)		160 <u>150</u>
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)	<u>=</u>	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

CORGRG04C 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	
Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:	рН	6.5 - 9.0		Beryllium	_	
Other:	chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Temporary Modification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Arsenic(chronic) = hybrid	Inorgan	ic (mg/L)		Chromium III		TVS
Expiration Date of 12/31/2021		acute	chronic	Chromium III(T)	50	
*I Ironium/acuta\ Cac 26 E/2\ for dataila	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
' <u>Uranium(acute)</u> = See 36.5(3) for details.	Boron		0.75	Copper	TVS	TVS
	Chloride		250	Iron		WS
	Chlorine	0.019	0.011	Iron(T)		1000
	Cyanide	0.005		Lead	TVS	TVS
	Nitrate	10		<u>Lead(T)</u>	<u>50</u>	=
	Nitrite	<u>0.05</u>	0.05	Manganese	TVS	TVS/WS
	Phosphorus			Mercury(T)		0.01
	Sulfate		WS	Molybdenum(T)		160 <u>150</u>
	Sulfide		0.002	Nickel	TVS	TVS
				Nickel(T)	=	<u>100</u>
				Selenium	TVS	TVS
				Silver	TVS	TVS
				Uranium	varies*	<u>16.8-30</u>
				Zinc	TVS	TVS

55a. All tributaries to the Rio Grande, including all wetlands, from immediately above the confluence with Willow Creek to the Hwy 112 bridge near Del Norte, excluding the listings in segments 65b through 10. CORGRG05CORGRG05A Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Aq Life Cold 1 Reviewable CS-I CS-I Aluminum Temperature °C Recreation E acute chronic Arsenic 340 ---Water Supply D.O. (mg/L) 6.0 Arsenic(T) 0.02 Qualifiers: D.O. (spawning) 7.0 Beryllium TVSSSE* Other: рН 6.5 - 9.0Cadmium TVS(tr)--chlorophyll a (mg/m²) 150 Cadmium SSE* Temporary Modification(s): E. Coli (per 100 mL) 126 Cadmium(T) 5.0 Arsenic(chronic) = hybrid Chromium III **TVS** Expiration Date of 12/31/2021 Chromium III(T) Inorganic (mg/L) 50 ---Cadmium(acute) = e^(0.9789*ln(hardness)-Chromium VI TVS 3.866)*(1.136672-(ln(hardness)*0.041838)) acute chronic TVS Cadmium(chronic) = e^(0.7977*In(hardness)-TVS TVS Copper Ammonia TVS TVS 3.909)*(1.101672-(ln(hardness)*0.041838)) *Uranium(acute) = See 36.5(3) for details. WS Boron 0.75 Iron Iron(T) 1000 Chloride 250 Lead TVS TVS Chlorine 0.019 0.011 0.005 Lead(T) <u>50</u> Cyanide **=** Manganese TVS TVS/WS Nitrate 10 0.01 Nitrite ---<u>0.05</u> 0.05---Mercury(T) Molybdenum(T) 160<u>150</u> Phosphorus 0.11 ---TVS TVS Sulfate WS Nickel Sulfide 100 0.002 Nickel(T) == TVS TVS Selenium TVS TVS(tr) Silver Uranium varies* <u>16.8-30</u> ≜ Zinc TVS TVS

5b. Mainstem of Alder Creek. Mainstem of East Alder Creek, including all tributaries and wetlands, from the souce to the confluence with Alder Creek. Mainstem of Agua Ramon Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande. Mainstem of Embargo Creek, including all tributaries and wetlands, from immediately above the confluence with Dyers Creek to the confluence with the Rio Grande.

CORGRG05B Classifications	Physical and Biol	ogical			Metals (ug/L)	
<u>Designation</u> <u>Agriculture</u>		DM	MWAT		<u>acute</u>	<u>chronic</u>
Reviewable Aq Life Cold 1	Temperature °C	CS-II	CS-II	<u>Aluminum</u>	=	=
Recreation E		<u>acute</u>	chronic	Arsenic	<u>340</u>	=
Water Supply	D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)	=	0.02
Qualifiers:	D.O. (spawning)	=	<u>7.0</u>	<u>Beryllium</u>	=	=
Other:	<u>pH</u>	<u>6.5 - 9.0</u>	= =	<u>Cadmium</u>	TVS(tr)	<u>TVS</u>
	chlorophyll a (mg/m²)	=	<u>150</u>	Cadmium(T)	<u>5.0</u>	=
*Uranium(acute) = See 36.5(3) for details.	E. Coli (per 100 mL)	=	<u>126</u>	Chromium III	=	<u>TVS</u>
				Chromium III(T)	<u>50</u>	=
	Inorganic (n	ng/L)		Chromium VI	<u>TVS</u>	<u>TVS</u>
		acute	chronic	<u>Copper</u>	<u>TVS</u>	<u>TVS</u>
	<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Iron</u>	=	<u>ws</u>
	Boron	= ⁵	<u>0.75</u>	<u>Iron(T)</u>	=	<u>1000</u>
	<u>Chloride</u>	= ⁵	<u>250</u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
	<u>Chlorine</u>	<u>0.019</u>	<u>0.011</u>	<u>Lead(T)</u>	<u>50</u>	=
	<u>Cyanide</u>	<u>0.005</u>	= *	<u>Manganese</u>	<u>TVS</u>	TVS/WS
	<u>Nitrate</u>	<u>10</u>	= *	Mercury(T)	=	<u>0.01</u>
	<u>Nitrite</u>	<u>0.05</u>	= *	Molybdenum(T)	=	<u>150</u>
	<u>Phosphorus</u>		<u>0.11</u>	<u>Nickel</u>	<u>TVS</u>	<u>TVS</u>
	Sulfate	= ⁵	<u>WS</u>	Nickel(T)	=	<u>100</u>
	Sulfide	= •	0.002	<u>Selenium</u>	<u>TVS</u>	<u>TVS</u>
				<u>Silver</u>	<u>TVS</u>	TVS(tr)
				<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u> ≜
				<u>Zinc</u>	<u>TVS</u>	<u>TVS</u>

6. Mainstem of West Willow Creek from immediately above Deerhorn Creek to the Park Regent Mine dump. (37.890445, -106.936868). East Willow Creek from the confluence with Whited Creek to the confluence with West Willow Creek.

CORGRG06	Classifications	Physical and	Biological			Metals (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	
Other:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
		D.O. (spawning)		7.0	Beryllium	_	
	ute) = e^(0.9789*In(hardness)- 672-(In(hardness)*0.041838))	pH	6.5 - 9.0		Cadmium	TVS	TVSSSE*
Cadmium(ch	$ronic) = e^{(0.7977*ln(hardness)-}$	chlorophyll a (mg/m²)		150	Cadmium	SSE*	=
	672-(ln(hardness)*0.041838)) te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
<u>Oranium(acu</u>	<u>te) = 0ee 30.3(3) foi details.</u>				Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron			Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate			Selenium	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium	<u>varies*</u>	
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

7. Mainstem of West Willow Creek from the Park Regent Mine dump (37.890445, -106.936868) 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
JP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum		
	Recreation E	Temperature 0	acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)	340	100
		D.O. (spawning)		7.0	Beryllium		100
Other:				7.0			*
Temporary M	odification(s):	pH	6.5 - 9.0		Cadmium	varies*	varies*
Ammonia(ac/c	ch) = current conditions*	chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
Cadmium(ac/d	ch) = varies*	E. Coli (per 100 mL)		126	Chromium III(T)		100
Copper(ac/ch)					Chromium VI	TVS	TVS
Lead(ac/ch) =	varies*	Inorgani	ic (mg/L)		Copper	varies*	varies*
Silver(acute) =			acute	chronic	Iron(T)		1000
Zinc(ac/ch) = v		Ammonia	TVS	TVS	Lead	varies*	varies*
Expiration Dat	e of 12/31/2018	Boron		0.75	Manganese	varies*	varies*
	(mg/m²)(chronic) = applies only abo	ve Chloride			Mercury(T)		0.01
	sted at 36.5(4). chronic) = applies only above the	Chlorine	<u>0.019</u> -	0.011	Molybdenum(T)		160 <u>150</u>
facilities listed	at 36.5(4).	Cyanide	0.005		Nickel	TVS	TVS
	ute) = See 36.6(4) for temporary site-specific standards and	Nitrate	100		Selenium	TVS	TVS
assessment lo	ocations.	Nitrite	10	10	Silver	varies*	TVS
	ronic) = See 36.6(4) for temporary site-specific standards and	Phosphorus		0.11*	Uranium	varies*	
assessment lo	ocations.	Sulfate			Zinc	varies*	varies*
	e) = See 36.6(4) for temporary site-specific standards and	Sulfide		0.002			
modifications, assessment Ic *Lead(chronic modifications, assessment Ic *Manganese(a standards and *Manganese(o standards and *Silver(acute) modifications, assessment Ic *Uranium(acute) *Zinc(acute) = modifications, assessment Ic *Zinc(acute) *Zinc(acute) *Zinc(acute) *Zinc(acute) *Zinc(acute) *Zinc(chronic)	= See 36.6(4) for temporary site-specific standards and locations.) = See 36.6(4) for temporary site-specific standards and locations. acute) = See 36.6(4) for site-specific assessment locations. assessment locations. = See 36.6(4) for temporary site-specific standards and locations. = See 36.6(4) for temporary site-specific standards and locations. (a) = See 36.6(4) for temporary site-specific standards and locations. See 36.6(4) for temporary site-specific standards and locations. = See 36.6(4) for temporary site-specific standards and locations. = See 36.6(4) for temporary site-specific standards and locations.						
TempMod: Al MWTF. TempMod: C modifications: TempMod: C modifications: TempMod: Lemodifications: TempMod: Simodifications: TempMod: ZimpMod: ZimpMod	admium = See 36.6(4) for temporary and assessment locations. opper = See 36.6(4) for temporary and assessment locations. ead = See 36.6(4) for temporary and assessment locations. liver = See 36.6(4) for temporary and assessment locations. inc = See 36.6(4) for temporary and assessment locations. inc = See 36.6(4) for temporary and assessment locations.						

8. Mainstem of CORGRG08	Classifications	i	Physical and	Biological		ı	Metals (ug/L)	
	Agriculture		i nyolodi unu	DM	MWAT		acute	chronic
	Ag Life Cold 1		Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		Tomporaturo C	acute	chronic	Arsenic	340	
	Water Supply		D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	1		D.O. (spawning)		7.0	Beryllium		0.02
Other:			pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Other.			chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	
*Uranium(acute	te) = See 36.5(3)	for details.	E. Coli (per 100 mL)		126	Chromium III		≕
					0	Chromium III(T)	50	
			Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			morgan	acute	chronic	Copper	TVS	TVS
			Ammonia	TVS	TVS	Iron		WS
			Boron		0.75	Iron(T)		1000
			Chloride		250	Lead	TVS	TVS
			Chlorine	0.019		Lead(T)		
			Cyanide	0.019	0.011	Manganese	<u>50</u> TVS	TVS/WS
			Nitrate	10		Mercury(T)		0.01
			Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160150
			Phosphorus	<u>0.05</u>	0.11	Nickel	TVS	TVS
			Sulfate		WS	Nickel(T)		100
			Sulfide		0.002	Selenium	₩	TVS
			Suilide		0.002	Silver	TVS	TVS(tr)
								16.8-30 ≜
			g all tributaries and wetlands, front 1. <u>Mainstem of Beaver Creel</u>					TVS
Decker Creek, CORGRG09C0	excluding the sponsor or o	pecific listings in segments		k, including all tribu Biological	taries and we	Zinc with the Rio Grandea poinetlands, from the source to	TVS nt just below the confet the inlet of Beaver Comments (ug/L)	TVS Luence with Leek Reservoir
Decker Creek, CORGRG09C0 Designation	excluding the spontage of the	pecific listings in segments ssifications riculture	nt 1. <u>Mainstem of Beaver Creel</u> Physical and	<u>s, including all tribu</u> Biological DM	MWAT	Zinc with the Rie Grande <u>a pointle and a pointle source to the source t</u>	TVS nt just below the conf the inlet of Beaver C Metals (ug/L) acute	TVS
Decker Creek, CORGRG09C0	excluding the sp ORGRG09A Cla Agr Aq	pecific listings in segmeinssifications riculture Life Cold 1	nt 1. Mainstem of Beaver Creel	<u>s, including all tribu</u> Biological DM CS-I	MWAT CS-I	Zinc with the Rio Grande <u>a pointle and a po</u>	TVS nt just below the conf the inlet of Beaver C Metals (ug/L) acute	TVS cluence with creek Reservoir chronic
Decker Creek, CORGRG09C0 Designation	excluding the sp ORGRG09A Cla Agr Aq Rec	pecific listings in segmeinssifications riculture Life Cold 1 creation E	nt 1. Mainstem of Beaver Creel Physical and Temperature °C	s, including all tribu Biological DM CS-I acute	MWAT CS-I chronic	Zinc with the Rio Grande <u>a poil</u> etlands, from the source to Aluminum Arsenic	TVS nt just below the confet the inlet of Beaver Comments (ug/L) acute 340	TVS luence with creek Reservoir chronic
Decker Creek, CORGRG09C1 Designation Reviewable	excluding the sp ORGRG09A Cla Agr Aq Rec	pecific listings in segmeinssifications riculture Life Cold 1	Temperature °C D.O. (mg/L)	c, including all tribu Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc with the Rie Grande <u>a pointerlands, from the source to lands</u> Aluminum Arsenic Arsenic(T)	TVS nt just below the confunction the inlet of Beaver Comments (ug/L) acute 340	TVS luence with creek Reservoir chronic
Decker Creek, CORGRG09CC Designation Reviewable Qualifiers:	excluding the sp ORGRG09A Cla Agr Aq Rec	pecific listings in segmeinssifications riculture Life Cold 1 creation E	Temperature °C D.O. (mg/L) D.O. (spawning)	c, including all tribu Biological DM CS-I acute	MWAT CS-I chronic	Zinc with the Rie Grandea point poi	TVS nt just below the conf the inlet of Beaver C Metals (ug/L) acute 340	TVS Cluence with Creek Reservoir chronic 0.02
Decker Creek, CORGRG09C1 Designation Reviewable	excluding the sp ORGRG09A Cla Agr Aq Rec	pecific listings in segmeinssifications riculture Life Cold 1 creation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	c, including all tribu Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc with the Rie Grande <u>a pointellands, from the source to the source </u>	TVS nt just below the conf the inlet of Beaver C Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
Decker Creek, CORGRG09CC Designation Reviewable Qualifiers: Other: Temporary Mo	excluding the sp ORGRG09A Cla Agr Aq Rec Wa odification(s):	pecific listings in segmeinssifications riculture Life Cold 1 creation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	c, including all tribu	MWAT CS-I chronic 6.0 7.0 150*	Zinc with the Rio Grandea point etlands, from the source to retain the source the source to retain the source the source to retain the source to retain the source the	TVS Int just below the confunction the inlet of Beaver Comments (ug/L) acute 340 TVS(tr) 5.0	thronic chronic 0.02 TVS
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic	excluding the sp ORGRG09A Cla Agr Aq Rec Wa odification(s): ic) = hybrid	pecific listings in segmeinssifications riculture Life Cold 1 creation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	c, including all tribu Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc with the Rie Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS Int just below the conformation the inlet of Beaver Comments (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic	excluding the sp ORGRG09A Cla Agr Aq Rec Wa odification(s):	pecific listings in segmeinssifications riculture Life Cold 1 creation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	c, including all tribu Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150*	Zinc with the Rie Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS Int just below the conform the inlet of Beaver Comments (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (excluding the sp ORGRG09A Cla Agr Aq Rec Wa odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic)	pecific listings in segmeinssifications riculture Life Cold 1 creation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	c, including all tribu Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150* 126	Zinc with the Rie Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS nt just below the conference of the inlet of Beaver Comments (ug/L) acute 340 TVS(tr) 5.0 TVS TVS	chronic 0.02 TVS TVS TVS
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c	excluding the sp ORGRG09A Cla Aq Aq Rec Wa odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies	ecific listings in segments assifications riculture Life Cold 1 creation E ster Supply = applies only above	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	c, including all tribu 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 with the Rio Grandea point etlands, from the source to I Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS nt just below the conform the inlet of Beaver Comments (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is only above the	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	c, including all tribu	MWAT CS-I chronic 6.0 7.0 150* 126 chronic	Zinc with the Rie Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Int just below the conform the inlet of Beaver Confor	chronic 0.02 TVS TVS TVS TVS WS
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	excluding the sp ORGRG09A Cla Aq Aq Rec Wa odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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	c, including all tribu 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 with the Rie Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Int just below the conform the inlet of Beaver Comments (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS	TVS Chronic 0.02 TVS TVS TVS TVS TVS WS 1000
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is only above the	nt 1. Mainstem of Beaver Creel 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, including all tribu 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	Zinc with the Rio Grandea poinetlands, from the source to I Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS nt just below the conference of the inlet of Beaver Conference of Beav	TVS Luence with Creek Reservoir
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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	c, including all tribu	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011	Zinc with the Rio Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Int just below the conform the inlet of Beaver the Inlet of Beave	TVS Luence with Creek Reservoir
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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	c, including all tribu	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Zinc with the Rie Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Int just below the conforthe inlet of Beaver Comments Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS	TVS Luence with Creek Reservoir
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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	Company	MWAT CS-I chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Zinc with the Rie Grandea poinetlands, from the source to I Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Int just below the conform the inlet of Beaver Confor	TVS Chronic Chronic O.02 TVS TVS TVS TVS TVS TVS TVS TV
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is only above the	nt 1. Mainstem of Beaver Creel 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	CS-I	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Zinc with the Rio Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Int just below the conform the inlet of Beaver Confor	TVS Luence with Creek Reservoir Chronic
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list 'Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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 Nitrite Phosphorus	c, including all tributed by the control of the con	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Zinc with the Rio Grandea poinetlands, from the source to Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS Int just below the conforthe inlet of Beaver Conforthe inlet of B	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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 Sulfate	CS-I	### MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Zinc with the Rio Grandea poinetlands, from the source to I Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Int just below the conforthe inlet of Beaver Conforthe inlet of B	TVS Luence with Creek Reservoir Chronic
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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 Nitrite Phosphorus	c, including all tributed by the control of the con	MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Zinc with the Rie Grandea poinetlands, from the source to I Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Int just below the conform the inlet of Beaver Confor	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
Decker Creek, CORGRG09Ct Designation Reviewable Qualifiers: Other: Temporary Mc Arsenic(chronic Expiration Date *chlorophyll a (the facilities list *Phosphorus(c facilities listed a	odification(s): ic) = hybrid e of 12/31/2021 (mg/m²)(chronic) ited at 36.5(4). chronic) = applies at 36.5(4).	ecific listings in segments: Issifications Inculture Life Cold 1 Increation E Inter Supply = applies only above Is 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 Sulfate	CS-I	### MWAT CS-I chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 WS	Zinc with the Rio Grandea poinetlands, from the source to I Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Int just below the conforthe inlet of Beaver Conforthe inlet of B	TVS Luence with Creek Reservoir

D.O. = dissolved oxygen

9b. Mainstem	specific listings in segment 9a.						
	Classifications	Physical and Bio	ological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum		=
	Recreation E	<u>-</u>	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)	=	<u>7.0</u>	<u>Beryllium</u>	=	=
Other:		<u>pH</u>	<u>6.5 - 9.0</u>	= *	<u>Cadmium</u>	TVS(tr)	<u>TVS</u>
Temporary Me	odification(s):	chlorophyll a (mg/m²)	=	<u>150*</u>	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni		E. Coli (per 100 mL)	=	<u>126</u>	Chromium III	=	<u>TVS</u>
	e of 12/31/2021				Chromium III(T)	<u>50</u>	=
*chlorophyll a	(mg/m ²)(chronic) = applies only above	Inorganic (mg/L)		Chromium VI	<u>TVS</u>	<u>TVS</u>
the facilities lis	sted at 36.5(4).		<u>acute</u>	chronic	<u>Copper</u>	<u>TVS</u>	<u>TVS</u>
*Phosphorus(defacilities listed	chronic) = applies only above the at 36.5(4).	<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Iron</u>	=	<u>ws</u>
*Uranium(acut	te) = See 36.5(3) for details.	Boron	= =	<u>0.75</u>	<u>Iron(T)</u>	=	<u>1000</u>
		<u>Chloride</u>	= :	<u>250</u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
		<u>Chlorine</u>	<u>0.019</u>	<u>0.011</u>	<u>Lead(T)</u>	<u>50</u>	=
		<u>Cyanide</u>	<u>0.005</u>	= *	<u>Manganese</u>	<u>TVS</u>	TVS/WS
		<u>Nitrate</u>	<u>10</u>	= *	Mercury(T)	=	<u>0.01</u>
		<u>Nitrite</u>	<u>0.05</u>	= *	Molybdenum(T)	=	<u>150</u>
		<u>Phosphorus</u>	≡ °	<u>0.11*</u>	Nickel	TVS	TVS
		<u>Sulfate</u>	≡ °	<u>WS</u>	Nickel(T)	=	<u>100</u>
		<u>Sulfide</u>	= *	0.002	<u>Selenium</u>	<u>TVS</u>	<u>TVS</u>
					Silver	TVS	TVS(tr)
					<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
10. Mainstem	of Pinos Creek, including all tributaries	and wetlands, from the source to t	he confluence w	ith the Rio G	rande.	<u> </u>	_
10. Mainstem CORGRG10	of Pinos Creek, including all tributaries Classifications	and wetlands, from the source to t		ith the Rio G		Metals (ug/L)	
				ith the Rio G			chronic
CORGRG10	Classifications Agriculture Aq Life Cold 1		iological			Metals (ug/L)	<u> </u>
CORGRG10 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C	iological DM	MWAT		Metals (ug/L) acute	chronic
CORGRG10 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and B	iological DM CS-I	MWAT CS-I	Aluminum	Metals (ug/L) acute	chronic
CORGRG10 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning)	iological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 0.02
CORGRG10 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic
CORGRG10 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) pH chlorophyll a (mg/m²)	iological DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340	chronic 0.02
CORGRG10 Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and B 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
CORGRG10 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) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
CORGRG10 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) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
CORGRG10 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) 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS TVS TVS TVS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	CS-I acute 6.5 - 9.0 (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS WS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron	DM CS-I acute 6.5 - 9.0 (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride	iological 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS WS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine	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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS(tr) 50 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS TVS TVS WS 1000 TVS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute (.5 - 9.0 TVS (.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS WS 1000 TVS TVS WS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute (.5 - 9.0 TVS (.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute (.5 - 9.0 TVS (.019 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute (.5 - 9.0 TVS (.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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS	Chronic 0.02 TVS TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01 160150 TVS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	iological DM CS-I acute 6.5 - 9.0 TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS	TVS US 1000 TVS 1001 1460150 TVS 1000 TVS 1000 TVS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	iological DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	iological DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS 100 TVS 100 TVS 100 TVS 100 TVS 100 TVS
CORGRG10 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) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorganic Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	iological DM CS-I acute 6.5 - 9.0 (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS STVS WS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS

tr = trout

D.O. = dissolved oxygen

4411a. Mainstem of San Francisco Creek (Rio Grande County) and Middle Fork San Francisco Creek, including all tributaries and wetlands, from the source to the confluence with the Rio Grande point immediately below the confluence with Spring Branch.

	nt immediately below the con	- ' '	Distantant			Matala (vall)	
· ·	G11A 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	_
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Modificat	tion(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chronic) = hy	. ,	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12	2/31/2021				Chromium III(T)	50	
	00.5(0) (Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
<u> "Uranium(acute) = Se</u>	ee 36.5(3) for details.		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

CORGRG11E	Classifications	Physical and	<u>Biological</u>			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	<u>340</u>	
	Water Supply	D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)	<u> </u>	0.02
ualifiers:		D.O. (spawning)	==	<u>7.0</u>	Beryllium	 	
ther:		<u>pH</u>	<u>6.5 - 9.0</u>	= *	Cadmium	TVS(tr)	<u>TVS</u>
emporary M	lodification(s):	chlorophyll a (mg/m²)	=	<u>150</u>	Cadmium(T)	<u>5.0</u>	=
rsenic(chron		E. Coli (per 100 mL)	=	<u>126</u>	Chromium III	=	TVS
	te of 12/31/2021				Chromium III(T)	<u>50</u>	=
leanium/a au	to) Coo 20 E(2) for details	Inorgan	ic (mg/L)		Chromium VI	<u>TVS</u>	<u>TVS</u>
<u>Jranium(acu</u>	te) = See 36.5(3) for details.		<u>acute</u>	chronic	Copper	<u>TVS</u>	<u>TVS</u>
		<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Iron</u>	=	<u>WS</u>
		Boron	= :	<u>0.75</u>	Iron(T)	=	<u>1000</u>
		Chloride	= ⁼	<u>250</u>	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
		Chlorine	<u>0.019</u>	<u>0.011</u>	<u>Lead(T)</u>	<u>50</u>	=
		<u>Cyanide</u>	<u>0.005</u>	= *	<u>Manganese</u>	<u>TVS</u>	TVS/WS
		<u>Nitrate</u>	<u>10</u>	=	Mercury(T)	=	<u>0.01</u>
		<u>Nitrite</u>	<u>0.05</u>	= *	Molybdenum(T)	=	<u>150</u>
		Phosphorus	= :	<u>0.11</u>	Nickel	<u>TVS</u>	<u>TVS</u>
		<u>Sulfate</u>	= ⁼	<u>WS</u>	Nickel(T)	=	<u>100</u>
		Sulfide	= :	0.002	Selenium	<u>TVS</u>	TVS
					Silver	<u>TVS</u>	TVS(tr)
					<u>Uranium</u>	<u>varies*</u>	<u>16.8-30</u>
					<u>Zinc</u>	<u>TVS</u>	<u>TVS</u>
2. Mainstem	of the Rio Grande from the Rio G	rande/Alamosa County line to the Ok	d State Bridge east	of Lobatos (Conejos County Road G_(3	37.07831, -105.75665)).
	of the Rio Grande from the Rio G Classifications	rande/Alamosa County line to the Ok Physical and		of Lobatos (1	87.07831, -105.75665 Metals (ug/L)).
ORGRG12				of Lobatos (1). chronic
ORGRG12 esignation	Classifications		Biological		1	Metals (ug/L)	
ORGRG12 esignation	Agriculture Aq Life Warm 1 Water Supply	Physical and	Biological DM	MWAT		Metals (ug/L) acute	
ORGRG12 esignation eviewable	Classifications Agriculture Aq Life Warm 1	Physical and	Biological DM WS-II	MWAT WS-II	Aluminum	Metals (ug/L) acute 	chronic
2. Mainstem ORGRG12 lesignation leviewable	Agriculture Aq Life Warm 1 Water Supply	Physical and Temperature °C	Biological DM WS-II acute	MWAT WS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
ORGRG12 esignation eviewable	Agriculture Aq Life Warm 1 Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	Physical and Temperature °C D.O. (mg/L) pH	Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 7.6 <u>0.02</u>
esignation eviewable ualifiers:	Agriculture Aq Life Warm 1 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 7.6 <u>0.02</u> TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS 5.0	7.60.02
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 5.0 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS 5.0 TVS	chronic 7.60.02 TVS TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	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 5.0 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 TVS 50	7.60.02 TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	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 5.0 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340 TVS 5.0 TVS 50 TVS	Chronic 7.60.02 TVS TVS TVS TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	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 5.0 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 TVS 50 TVS TVS	chronic 7.60.02 TVS TVS TVS TVS TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply Recreation E	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 5.0 126 chronic TVS 0.75250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 TVS 50 TVS TVS TVS	Chronic 7.60.02 TVS TVS TVS TVS TVS TVS TVS TVS
orgration eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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	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 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 TVS 50 TVS TVS TVS	Chronic 7.60.02 TVS TVS TVS TVS TVS TVS TVS TVS
orgration eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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	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 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS 5_0 TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 7.60.02 TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 10010	MWAT WS-II chronic 5.0 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	### Metals (ug/L) ### acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 7.60.02 TVS
orgration eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.5	MWAT WS-II chronic 5.0 126 chronic TVS 0.75250 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	### Metals (ug/L) ### acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 Nitrite Phosphorus	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.5	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75250 0.011 0.5	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS 5.0 TVS 50 TVS TVS TVS 50 TVS TVS TVS	Chronic 7.60.02 TVS TVS TVS TVS TVS TVS TVS TVS
orgration eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.5	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	### Metals (ug/L) ### acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS	Chronic 7.60.02 TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01 160150
orgration eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.5	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	### Metals (ug/L) ### acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS	Chronic 7.60.02 TVS
esignation eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.5	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	### Metals (ug/L) ### acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS	Chronic 7.60.02 TVS
orgration eviewable ualifiers:	Classifications Agriculture Aq Life Warm 1 Water Supply 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 Nitrite Phosphorus Sulfate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100100.5	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 250 0.011 0.5 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	### Metals (ug/L) ### acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS	Chronic 7-60.02 TVS TVS TVS TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS

tr = trout

D.O. = dissolved oxygen

Ī	13. Mainstem	of the Rio Grande from Old State B	ridge east of Lobotos (Conejos Cou	ınty Road G <u>(37.07</u>	831, -105.75	665) to the Colorado/New	Mexico border.	
ľ	CORGRG13	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	_	_
ı		Recreation E		acute	chronic	Arsenic	340	
	Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6
	Other:		рН	6.5 - 9.0		Beryllium		
			chlorophyll a (mg/m²)			Cadmium	TVS	TVS
	*Uranium(acu	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
			Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
				acute	chronic	Copper	TVS	TVS
			Ammonia	TVS	TVS	Iron(T)		1000
			Boron		0.75	Lead	TVS	TVS
			Chloride			Manganese	TVS	TVS
			Chlorine	0.019	0.011	Mercury(T)		0.01
			Cyanide	0.005		Molybdenum(T)		160<u>150</u>
			Nitrate	100		Nickel	TVS	TVS
			Nitrite	<u>0.05</u>	0.05	Selenium	TVS	TVS
			Phosphorus			Silver	TVS	TVS
			Sulfate			Uranium	<u>varies*</u>	
			Sulfide		0.002	Zinc	TVS	TVS

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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary M	fodification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chron		E. Coli (per 100 mL)		126	Chromium III		TVS
•	te of 12/31/2021				Chromium III(T)	50	
•		Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
<u>Uranium(acu</u>	te) = See 36.5(3) for details.	_	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	<u>=</u>
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 150
		Phosphorus	<u>5.55</u>	0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
		Juliue					
				0.002			
				0.002	Silver	TVS	TVS(tr)
				0.002	Silver Uranium	TVS <u>varies*</u>	TVS(tr) 16.8-30
15. All tributa	ries to the Rio Grande from the Hu	wy 112 hridge pear Del Norte to the C			Silver Uranium Zinc	TVS <u>varies*</u> TVS	TVS(tr) 16.8-30 TVS
		vy 112 bridge near Del Norte to the C Physical and	olorado/New Mexic		Silver Uranium Zinc	TVS <u>varies*</u> TVS ments 11 <u>a, 11b, 1</u> 4 <u>,</u> an	TVS(tr) 16.8-30 TVS
ORGRG15	Classifications	vy 112 bridge near Del Norte to the C Physical and	olorado/New Mexic	co border, ex	Silver Uranium Zinc	TVS <u>varies*</u> TVS ments 11 <u>a, 11b,</u> 14, an Metals (ug/L)	TVS(tr) 16.8-30 TVS ad 16 through
ORGRG15 Designation			olorado/New Mexic Biological		Silver Uranium Zinc Cluding the listings in segr	TVS <u>varies*</u> TVS ments 11 <u>a, 11b, 1</u> 4 <u>,</u> an	TVS(tr) 16.8-30 TVS ad 16 through
ORGRG15 Designation	Classifications Agriculture		olorado/New Mexic Biological	co border, ex	Silver Uranium Zinc cluding the listings in segr	TVS <u>varies*</u> TVS ments 11 <u>a, 11b,</u> 14, an Metals (ug/L)	TVS(tr) 16.8-30 TVS d 16 through chronic
CORGRG15 Designation	Classifications Agriculture Recreation N	Physical and	olorado/New Mexic Biological DM	MWAT chronic	Silver Uranium Zinc cluding the listings in segr Aluminum Arsenic(T)	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10
CORGRG15 Designation JP Qualifiers:	Classifications Agriculture Recreation N	Physical and	olorado/New Mexic Biological DM acute	co border, ex	Silver Uranium Zinc cluding the listings in segrent Aluminum Arsenic(T) Beryllium(T)	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute	TVS(tr) 16.8-30 TVS rd 16 through chronic 0.02-10 4.0
CORGRG15 Designation JP Qualifiers:	Classifications Agriculture Recreation N	D.O. (mg/L)	olorado/New Mexic Biological DM acute	MWAT chronic 3.0	Silver Uranium Zinc Cluding the listings in segrent Aluminum Arsenic(T) Beryllium(T) Cadmium(T)	TVS <u>varies*</u> TVS ments 11 <u>a, 11b, </u> 14, an Metals (ug/L) acute 5.0	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10 4.0 5.0
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N	D.O. (mg/L) pH chlorophyll a (mg/m²)	olorado/New Mexic Biological DM acute 6.5 - 9.0	MWAT chronic 3.0	Silver Uranium Zinc Cluding the listings in segrent Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T)	TVS <u>varies*</u> TVS ments 11 <u>a, 11b, 1</u> 4, an Metals (ug/L) acute 5.0 50	TVS(tr) 16.8-30 TVS d 16 through chronic 0.02-10 4.0 5-0
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	olorado/New Mexic Biological DM acute 6.5 - 9.0	MWAT chronic 3.0	Silver Uranium Zinc cluding the listings in segrent s	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 5.0 50	TVS(tr) 16.8-30 TVS rd 16 through chronic 0.02-10 4.0 5.0
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	olorado/New Mexic Biological DM acute 6.5 - 9.0 	MWAT chronic 3.0 630	Silver Uranium Zinc cluding the listings in segrent s	TVS varies* TVS ments 11a, 11b, 14, and Metals (ug/L) acute 5.0 50 50	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10 4.0 5.0
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute	MWAT chronic 3.0 630 chronic	Silver Uranium Zinc Cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI Chromium VI(T) Copper(T)	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 5.0 50 50	TVS(tr) 16.8-30 TVS 1d 16 through chronic 0.02-10 4.0 5-0 200
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute	MWAT chronic 3.0 630 chronic	Silver Uranium Zinc Cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI Choper(T) Iron	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 5.0 50 50	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10 4.0 5.0 200 WS
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	Physical and I D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute	MWAT chronic 3.0 630 chronic 0.75	Silver Uranium Zinc cluding the listings in segrent s	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 50 50 50 50 50	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10 4.0 5.0 200 WS
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute	mwat chronic 3.0 630 chronic 0.75 250	Silver Uranium Zinc cluding the listings in segrent s	TVS varies* TVS ments 11a, 11b, 14, and Metals (ug/L) acute 5.0 50 50 50 50 50	TVS(tr) 16.8-30 TVS 1d 16 through chronic 0.02-10 4.0 5.0 200 WS WS
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute	mwat chronic 3.0 630 chronic 0.75 250	Silver Uranium Zinc Cluding the listings in segrent se	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 5.0 50 50 50 50	TVS(tr) 16.8-30 TVS 1d 16 through chronic 0.02-10 4.0 5.0 200 WS WS 2.0
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute 0.2	co border, ex MWAT chronic 3.0 630 chronic 0.75 250	Silver Uranium Zinc Cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI Chromium VI Lead(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 5.0 50 50 50	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10 4.0 5.0 200 WS WS 2.0 160150
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	Physical and I D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute 0.2 10	chronic 0.75 250	Silver Uranium Zinc Cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI Chromium VI Choper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T)	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 5.0 50 50 50	TVS(tr) 16.8-30 TVS 10 16 through chronic 0.02-10 4.0 5.0 200 WS WS 2-0 160150 100
CORGRG15 Designation JP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute 0.2 101.0	chronic 0.75 250 1.0	Silver Uranium Zinc cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	TVS varies* TVS ments 11a, 11b, 14, and Metals (ug/L) acute 5.0 50 50 50 50	TVS(tr) 16.8-30 TVS d 16 through chronic 0.02-10 4.0 5.0 200 WS WS 2.0 160150 100 20
CORGRG15 Designation UP Qualifiers:	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute 0.2 10	chronic 3.0 630 chronic 0.75 250 1.0	Silver Uranium Zinc Cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T) Silver(T)	TVS varies* TVS ments 11a, 11b, 14, an Metals (ug/L) acute 50 50 50 50 100	TVS(tr) 16.8-30 TVS dd 16 through chronic 0.02-10 4.0 5-0 200 WS WS 2-0 160150 100 20
correction designation designa	Classifications Agriculture Recreation N Water Supply	D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	olorado/New Mexic Biological DM acute 6.5 - 9.0 ic (mg/L) acute 0.2 101.0	chronic 0.75 250 1.0	Silver Uranium Zinc cluding the listings in segrence Aluminum Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI Chromium VI(T) Copper(T) Iron Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	TVS varies* TVS ments 11a, 11b, 14, and Metals (ug/L) acute 5.0 50 50 50 50	TVS(tr) 16.8-30 TVS d 16 through chronic 0.02-10 4.0 5.0 200 WS WS 2.0 160150 100 20

CORGRG16	Classifications	Physical and	Biological		<u> </u>	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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
<u>Uranium(acu</u>	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgan	ic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	<u>varies*</u>	
				0.002	Zinc	TVS	TVS
17. All tributar	ries and wetlands t o the Rio Grand	le, including wetlands, within the Mor				TVS	TVS
17. All tributar	ries and wetlands to the Rio Grand		nte Vista National V		e. I	TVS Metals (ug/L)	TVS
ORGRG17		le, including wetlands, within the Mor	nte Vista National V		e. I		
ORGRG17 Designation	Classifications	le, including wetlands, within the Mor	nte Vista National V Biological	Vildlife Refug	e. I	Metals (ug/L)	
ORGRG17 Designation	Classifications Agriculture	le, including wetlands, within the Mor Physical and	nte Vista National V Biological DM	Vildlife Refug	9.	Metals (ug/L)	chronic
ORGRG17 Designation	Classifications Agriculture Aq Life Warm 2	le, including wetlands, within the Mor Physical and	nte Vista National V Biological DM WS-II	Vildlife Refug MWAT WS-II	e. I Aluminum	Metals (ug/L) acute	chronic
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2	le, including wetlands, within the Mor Physical and Temperature °C	nte Vista National V Biological DM WS-II acute	Wildlife Refug MWAT WS-II chronic	e. I Aluminum Arsenic	Metals (ug/L) acute 340	chronic
	Classifications Agriculture Aq Life Warm 2	le, including wetlands, within the Mor Physical and Temperature °C D.O. (mg/L)	nte Vista National V Biological DM WS-II acute	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
CORGRG17 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2	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 Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nte Vista National V Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS	chronic 100 TVS
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nte Vista National V Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nte Vista National V Biological DM WS-II acute 6.5 - 9.0 iic (mg/L)	MWAT WS-II chronic 5.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100 TVS
CORGRG17 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) Inorgan	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute Vista National V	MWAT WS-II chronic 5.0 150 126 chronic	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS TVS	thronic chronic chroni
CORGRG17 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) Inorgan	DM WS-II acute 6.5 - 9.0 ic (mg/L) acute Vista National V	MWAT WS-II chronic 5.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS 100 TVS
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	le, including wetlands, within the Mor Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	nte Vista National V 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 Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS
corgression designation design	Classifications Agriculture Aq Life Warm 2 Recreation E	le, including wetlands, within the Mor Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	nte Vista National V 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 Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	### Acute 340 TVS	chronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture 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	nte Vista National V 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	### Acute 340 TVS	Chronic
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture 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	nte Vista National V 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	# Metals (ug/L) acute	Chronic 100 TVS TVS 100 TVS TVS 0.01 160150
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	le, including wetlands, within the Mor 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	nte Vista National V 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	### Acute 340 TVS	Chronic 100 100 100 TVS 100 TVS 1000 TVS 1000 TVS TVS 0.01 160150 TVS
CORGRG17 Designation JP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	le, including wetlands, within the Mor 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	nte Vista National V 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 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	### Acute 340 TVS	chronic
CORGRG17 Designation UP Qualifiers:	Classifications Agriculture Aq Life Warm 2 Recreation E	le, including wetlands, within the Mor 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	nte Vista National V Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 1000.05	MWAT WS-II chronic 5.0 150 126 chronic TVS 0.75 0.011 0.05 0.17	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	### Acute 340 TVS	Chronic 100 100 TVS 100 TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS 0.01 160150 TVS

CORGRG18	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		7.6 100
ish Ingestic	on	рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
Uranium(acu	te) = See 36.5(3) for details.	Inorgan	nic (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01
		Nitrate	100		Molybdenum(T)		160 150
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus	— <u>0.00</u>		Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	
		Sullide		0.002	Zinc	TVS	TVS
19 Mainstem	of Rock Creek, including all tribut:	aries and wetlands, from the source	to the Monte Vista (CanaL (37.52		170	170
CORGRG19	Classifications	Physical and			1	Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	1	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	
	fodification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron	nc) = nybria te of 12/31/2021	2. 30ii (poi 100 iii2)		120	Chromium III(T)	50	
Ехрігаціон Ба	te or 12/31/2021	Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
<u> 'Uranium(acu</u>	te) = See 36.5(3) for details.	- Inorgan	acute	ohronio	Copper	TVS	TVS
		Ammonia	TVS	chronic TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride	0.040	250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u> TVS	T\/\$/\/\$
		Cyanide	0.005		Manganese		TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)	 T) (0	160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Silver Uranium Zinc	TVS <u>varies*</u> TVS	TVS(tr) 16.8-30 TVS

20a. Mainsterr	, ,							
CORGRG20A	Classifications	Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	10/31 - 4/30	13 <u>varies*</u>	9 <u>varies*</u>	Aluminum		
	Water Supply	Temperature °C	5/1 - 9/30	21.7	17	Arsenic	340	7.6<u></u>
	Recreation E					Arsenic(T)	=	<u>0.02</u>
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Beryllium(T)		100
		D.O. (spawning)			7.0	Cadmium	TVS(tr)	TVS
•	te) = See 36.5(3) for details.	рН		6.5 - 9.0		Cadmium(T)	<u>5.0</u>	=
*Temperature DM and MWA	≣ T=CS-I from 10/1-4/30	chlorophyll a (mg/m²)			150	Chromium III	TVS	TVS
OM and MWA	T=CS-I from 5/1-9/30	E. Coli (per 100 mL)			126	Chromium III(T)	<u>50</u>	100<u></u>
						Chromium VI	TVS	TVS
			norganic (mg	′L)		Copper	TVS	TVS
				acute	chronic	<u>Iron</u>	<u>==</u>	<u>WS</u>
		Ammonia		TVS	TVS	Iron(T)		1000
		Boron			0.75	Lead	TVS	TVS
		Chloride			2 <u>50</u> -	Lead(T)	<u>50</u>	=
		Chlorine		0.019	0.011	Manganese	TVS	TVS <u>/WS</u>
		Cyanide		0.005		Mercury(T)		0.01
		Nitrate		100 10		Molybdenum(T)		160 150
		Nitrite		<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus			0.11	Nickel(T)	=	<u>100</u>
		Sulfate			<u>WS</u>	Selenium	TVS	TVS
		Sulfide			0.002	Silver	TVS	TVS(tr)
		Guillac			0.002	Circi		
						Hranium	varies*	16.8-30 ≜
						Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
						Uranium Zinc	<u>varies*</u> TVS	<u>16.8-30</u> ≜ TVS
	of Cat Creek from the Rio Grand						TVS	
CORGRG20B	Classifications		o the Terrace l	ical	MMAZAT		TVS Metals (ug/L)	TVS
CORGRG20B Designation	Classifications Agriculture	Physic		ical DM	MWAT	Zinc	TVS	
CORGRG20B Designation	Classifications Agriculture Aq Life Cold 2			DM CS-II	CS-II	Zinc Aluminum	TVS Metals (ug/L) acute	TVS chronic
CORGRG20B Designation Reviewable	Classifications Agriculture	Physical Phy		DM CS-II acute	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
CORGRG20B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Temperature °C D.O. (mg/L)		DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 7.6
CORGRG20B Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2	Temperature °C D.O. (mg/L) D.O. (spawning)		DM CS-II acute	CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 7.6
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	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 Arsenic(T) Beryllium Beryllium(T)	Metals (ug/L) acute 340	Chronic 7.6 100
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2	Physic 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	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium	Metals (ug/L) acute 340 TVS(tr)	7.6 100 TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	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 Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III	Metals (ug/L) acute 340 TVS(tr) TVS	7VS chronic 7.6 100 TVS TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biolog	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS(tr) TVS	7.6
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic 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	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS	7/S chronic 7.6 100 TVS TVS 100 TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biolog	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS(tr) TVS	7.6
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biolog	DM CS-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS	7/S chronic 7.6 100 TVS TVS 100 TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	cal and Biolog	CS-II acute 6.5 - 9.0 /L) acute	CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 1000 TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia	cal and Biolog	DM CS-II acute 6.5 - 9.0 /L acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 1000
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron	cal and Biolog	DM CS-II acute (5.5 - 9.0 /L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 1000 TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	cal and Biolog	DM CS-II acute 6.5 - 9.0 /L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 4000 TVS WSTVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	Physic Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	cal and Biolog	CS-II acute 6.5 - 9.0 /L) acute TVS 0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 1000 TVS WSTVS 0.01
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	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	cal and Biolog	CS-II acute 6.5 - 9.0 TVS 0.019 0.005	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 0.01 460150
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	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	cal and Biolog	CS-II acute (5.5 - 9.0 TVS (0.019 0.005 100	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS(tr) TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 0.01 160150 TVS
CORGRG20B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E	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	cal and Biolog	CS-II acute (6.5 - 9.0 (7L) acute TVS (9.019 0.005 100 (9.05 0.005 0.005 100 (9.05 0.005 0.005 (9.05 0.005 0.005 (9.05 0.005 0.005 (9.05 0.005 0.005 0.005 (9.05 0.005 0.005 0.005 (9.05 0.005 0.005 0.005 (9.05 0.005 0.005 0.005 (9.05 0.005 0.005 0.005 (9.05 0.0	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Beryllium(T) Cadmium Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute 340 TVS(tr) TVS	TVS chronic 7.6 100 TVS TVS 100 TVS TVS 0.01 160150 TVS TVS

CORGRG21A	Classifications	Phys	sical and Biol			de (WGS 84). <u>5000, -105.3</u>	Metals (ug/L)	
Designation		1,	Jiour una Bior	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Aluminum	acute	
rteviewabie	Recreation E	Temperature C			chronic	Arsenic		
	Water Supply	D (/ma/l)		acute			340	
Qualifiers:	Trailer Guppry	D.O. (mg/L)			6.0	Arsenic(T)		0.02
		D.O. (spawning)			7.0	Beryllium		
Other:		pH		6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary M	Indification(s):	chlorophyll a (mg/m²)			150	Cadmium(T)	<u>5.0</u>	
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)			126	Chromium III		TVS
Expiration Dat	te of 12/31/2021					Chromium III(T)	50	
*Uranium(acu	te) = See 36.5(3) for details.		Inorganic (n	ng/L)		Chromium VI	TVS	TVS
	no, ses sere, e, rer detailer			acute	chronic	Copper	TVS	TVS
		Ammonia		TVS	TVS	Iron		WS
		Boron			0.75	Iron(T)		1000
		Chloride			250	Lead	TVS	TVS
		Chlorine		0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide		0.005		Manganese	TVS	TVS/WS
		Nitrate		10		Mercury(T)		0.01
		Nitrite		<u>0.05</u>	0.05	Molybdenum(T)		160 150
		Phosphorus		<u>0.00</u>	0.11	Nickel	TVS	TVS
		Sulfate			WS	Nickel(T)	== T) (0	<u>100</u>
		Sulfide			0.002	Selenium	TVS	TVS
						Silver	TVS	TVS(tr)
						Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
						Zinc	TVS	TVS
21b. Mainster	m of Ute Creek, including all tribut	taries and wetlands, from the	e crossing at 3	7. 50 oN latitud	e (WGS84) <u>5(</u>			
	m of Ute Creek, including all tribut Classifications		e crossing at 3		e (WGS84) <u>5(</u>			
CORGRG21E					e (WGS84) <u>50</u> MWAT		60.	chronic
CORGRG21E Designation	3 Classifications			ogical			60. Metals (ug/L)	
CORGRG21E Designation	Agriculture	Phys	sical and Biol	ogical DM	MWAT	000, -105.39643 to Hwy 1	60. Metals (ug/L) acute	chronic
CORGRG21E Designation	Agriculture Aq Life Cold 1	Phys	sical and Biol	ogical DM CS-l <u>varies*</u>	MWAT CS-I	Aluminum Arsenic	60. Metals (ug/L) acute	chronic
	Agriculture Aq Life Cold 1 Recreation E	Phys	sical and Biol	ogical DM CS-l <u>varies*</u>	MWAT CS-I	Aluminum Arsenic Arsenic(T)	60. Metals (ug/L) acute 340	chronic
CORGRG21E Designation Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C Temperature °C	sical and Biol	DM CS-l <u>varies*</u> 22.3	MWAT CS-I 47 chronic	Aluminum Arsenic Arsenic(T) Beryllium	60. Metals (ug/L) acute 340	chronic 0.02
CORGRG21E Designation Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L)	sical and Biol	ogical DM CS-l <u>varies*</u> 22.3 acute	MWAT CS-I 47 chronic 6.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	60. Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning)	sical and Biol	ogical DM CS-lvaries* 22.3 acute	MWAT CS-I 47 chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	60. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0	MWAT CS-I 47 chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	60. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0	MWAT CS-I 47 chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	60. Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0	MWAT CS-I 47 chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	chronic 0.02 TVS TVS TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date *Uranium(acu *Temperature	Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid te of 12/31/2021 Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0	MWAT CS-I 47 chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper	60. Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS TVS TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0	MWAT CS-I 47 chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	chronic 0.02 TVS TVS TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date *Uranium(acu *Temperature	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0	MWAT CS-I 47 chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 ng/L)	MWAT CS-I 47 chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS WS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Physical Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 ng/L) acute	MWAT CS-I 17 chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Physical Phy	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 ng/L) acute TVS	MWAT CS-I 47 chronic 6.0 7.0 150 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Physical Phy	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 ng/L) acute TVS	MWAT CS-I 47 chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 10g/L) acute TVS	MWAT CS-I 47 chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Ammonia Boron Chloride Chlorine	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 10g/L) acute TVS 0.019	MWAT CS-I 17 chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS STVS WS 1000 TVS TVS/WS 0.01
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C 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	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 10019 0.005 10	MWAT CS-I 47 chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date "Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C 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	10/31 - 5/31 6/30 - 9/30	ogical DM CS-lyaries* 22.3 acute 6.5 - 9.0 109/L) acute TVS 0.019 0.005 100.05	MWAT CS-I 47 chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	60. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S TVS TVS US 1000 TVS TVS/WS 0.01 160150 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C 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 Phosphorus	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 100 TVS 0.019 0.005 10 0.05	MWAT CS-I 17 chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C 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 Phosphorus Sulfate	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 10 0.019 0.005 10 10 1	MWAT CS-I 17 chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS SUS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS 1000 TVS TVS/WS 1000 TVS
CORGRG21E Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data *Uranium(acu *Temperature DM=CS-I from	Agriculture Aq Life Cold 1 Recreation E Water Supply flodification(s): hic) = hybrid te of 12/31/2021 http: See 36.5(3) for details.	Temperature °C Temperature °C 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 Phosphorus	10/31 - 5/31 6/30 - 9/30	ogical DM CS-l <u>varies*</u> 22.3 acute 6.5 - 9.0 100 TVS 0.019 0.005 10 0.05	MWAT CS-I 17 chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	60. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS

Mainstem of Ute Creel	from Hwy 160 to the confluer	nce with Sangre de Cristo Creek.					
RGRG22 Classificati	·	Physical and Biol				Metals (ug/L)	
ignation Agriculture		<u>-</u>	DM	MWAT		acute	chronic
iewable Aq Life Colo	Te	mperature °C	CS-II	CS-II	Aluminum	_	_
Recreation			acute	chronic	Arsenic	340	
Water Supp	D.O	O. (mg/L)		6.0	Arsenic(T)		0.02-10 ^A
lifiers:	D.0	O. (spawning)		7.0	Beryllium		
er:	pH	I	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	chl	lorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	<u>=</u>
nium(acute) = See 36	5(3) for details.	Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorganic (n	ng/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
	Am	nmonia	TVS	TVS	Iron		WS
	Во	pron		0.75	Iron(T)		1000
	Ch	nloride		250	Lead	TVS	TVS
		lorine	0.019	0.011	Lead(T)	<u>50</u>	=
		vanide	0.005		Manganese	TVS	TVS/WS
		trate	10		Mercury(T)		0.01
		trite	0.05	0.05	Molybdenum(T)		160 150
		osphorus	<u> </u>	0.11	Nickel	TVS	TVS
		ılfate		WS	Nickel(T)		100
		ılfide		0.002	Selenium	TVS	TVS
	00	illide		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	16.8-30 ≜
					Zinc	TVS	TVS
Mainstem of Sangre	le Cristo Creek, including all tr	ributaries and wetlands, from the	source to Hwy	159, excludi			
RGRG23A Classificat	-	Physical and Biol	-			Metals (ug/L)	
ignation Agriculture			DM	MWAT		acute	chronic
iewable Aq Life Col	d 1 Te	mperature °C	CS-I	CS-I	Aluminum		
Recreation	E		acute	chronic	Arsenic	340	
lifiers:	D.0	O. (mg/L)		6.0	Arsenic(T)		7.6
er:	D.0	O. (spawning)		7.0	Beryllium		
	рН	I	6.5 - 9.0		Cadmium	TVS(tr)	TVS
nium(acute) = See 36	5(3) for details.	lorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorganic (n	ng/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
	An	nmonia	TVS	TVS	Lead	TVS	TVS
	Во	pron		0.75	Manganese	TVS	TVS
		nloride			Mercury(T)		0.01
		nlorine	0.019		Molybdenum(T)		160 <u>150</u>
		vanide	0.005		Nickel	TVS	TVS
	-				Selenium	TVS	TVS
					Silver		TVS(tr)
				_			
		·					TVS
		ılfide		0.002		1 70	1.70
	Bo Ch Ch Cy Nit Nit	nmonia oron oloride olorine	acute TVS 0.019 0.005 100 0.05	TVS 0.75 0.011	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS TVS TVS TVS	

	n of Sangre de Cristo Creek from B Classifications					Motals (vall)	
		Pnysi	cal and Biological DM	DAVA/ A T		Metals (ug/L)	ahrania
Designation Reviewable	Agriculture Aq Life Cold 1	Tamparatura %C	10/31 - 4/30 14.7 <u>varies*</u>	MWAT	Aluminum	acute	chronic
Reviewable	Water Supply	Temperature °C Temperature °C	5/1 - 9/30 25.3	9 <u>varies"</u> 19	Aronio	240	
	Recreation E	Temperature C	0/1 - 9/3∪ ∠0.3	19	Arsenic	340	7.60.00
Qualifiers:	1100.00.101.1		acute	chronic	Arsenic(T)		7.6 <u>0.02</u>
		D.O. (mg/L)		6.0	Beryllium		T) (O
Other:			 	7.0	Cadmium	TVS(tr)	TVS
*Uranium(acu	te) = See 36.5(3) for details.	D.O. (spawning)			Cadmium(T)	<u>5.0</u>	== ==
*Temperature	<u>=</u>	pH	6.5 - 9.0	450	Chromium III	TVS	TVS
	MWAT=9 from 10/1-4/30 MWAT=19 from 5/1-9/30	chlorophyll a (mg/m²)		150	Chromium III(T)	<u>50</u>	100
DIVI-23.3 and	<u> 1010/71 = 13 110111 3/ 1-3/30</u>	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
			norganic (mg/L)		<u>Iron</u>	=	<u>WS</u>
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	<u>Lead(T)</u>	<u>50</u>	=
		Chloride		<u>250</u>	Manganese	TVS	TVS <u>WS</u>
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate	100<u>10</u>		Nickel	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Nickel(T)	=	<u>100</u>
		Phosphorus		0.11	Selenium	TVS	TVS
		Sulfate		<u>ws</u>	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
24. Mainstem	of Sangre de Cristo Creek from H	lwy 159 to the inlet of Smith F	Reservoir.		<u> </u>		
CORGRG24	Classifications	Physi	cal 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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		
		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*I Ironium/oou	te) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
Ulaniumijacu							100
Oraniumiacu		E. Coli (per 100 mL)		126	Chromium III(1)		
<u>Oraniumi,acu</u>		E. Coli (per 100 mL)		126	Chromium III(T) Chromium VI		
<u>Oranium,acu</u>				126	Chromium VI	TVS	TVS
Oranium,acu			Inorganic (mg/L)		Chromium VI Copper	TVS TVS	TVS TVS
Oramunitacu			Inorganic (mg/L)	chronic	Chromium VI Copper Iron(T)	TVS TVS 	TVS TVS 1000
Oramunitacu		Ammonia	Inorganic (mg/L) acute TVS	chronic TVS	Chromium VI Copper Iron(T) Lead	TVS TVS TVS	TVS TVS 1000 TVS
<u>Oranium (acu</u>		Ammonia Boron	Inorganic (mg/L) acute TVS	chronic TVS 0.75	Chromium VI Copper Iron(T) Lead Manganese	TVS TVS TVS TVS	TVS TVS 1000 TVS TVS
Oraniunitacu		Ammonia Boron Chloride	Inorganic (mg/L) acute TVS	chronic TVS 0.75	Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS TVS TVS TVS	TVS TVS 1000 TVS TVS 0.01
<u>Oranium (acu</u>		Ammonia Boron Chloride Chlorine	acute TVS 0.019	chronic TVS 0.75 0.011	Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS TVS	TVS TVS 1000 TVS TVS 0.01 160150
<u>Oranium (acu</u>		Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS TVS TVS TVS	TVS TVS 1000 TVS TVS 0.01 160150 TVS
<u>Oranium (acu</u>		Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011	Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 1000 TVS TVS 0.01 160150 TVS TVS
<u>Oranium (acu</u>		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 1000.05	chronic TVS 0.75 0.011 0.05	Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 1000 TVS TVS 0.01 160150 TVS
<u>Oranium (acu</u>		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 1000.05	chronic TVS 0.75 0.011 0.05 0.11	Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS	TVS TVS 1000 TVS TVS 0.01 160150 TVS TVS TVS TVS
<u> Oranium acu</u>		Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 1000.05	chronic TVS 0.75 0.011 0.05	Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 1000 TVS TVS 0.01 160150 TVS TVS

CORGRG25	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:	·	D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	5.0	==
Uranium(acu	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
		inorgan	acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		ws
		Boron		0.75	Iron(T)		1000
					Lead	TVS	TVS
		Chloride		250			
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	TVS/WS
		Cyanide	0.005		Manganese	TVS	
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	≡	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS
		t of Mountain Home Reservoir to the					TVS
ORGRG26	Classifications	t of Mountain Home Reservoir to the Physical and	Biological			Metals (ug/L)	
ORGRG26 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT			TVS
ORGRG26 Designation	Classifications Agriculture Aq Life Cold 2		Biological DM CS-II	CS-II	Aluminum	Metals (ug/L) acute	chronic
ORGRG26 Designation	Classifications Agriculture Aq Life Cold 2 Water Supply	Physical and Temperature °C	Biological DM CS-II acute	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
esignation deviewable	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute	chronic
CORGRG26 Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic 1000.02-10
correction devicewable dualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute	CS-II chronic 6.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic
CORGRG26 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute	CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 1000_02-10 TVS
CORGRG26 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CS-II acute	CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr)	chronic 1000.02-10 TVS
corgrace corrections are corrections and corrections are corrections are corrections are corrected as a correction are corrected as a correct are corrected as a corrected as	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 1000_02-10 TVS
corgrace construction deviewable	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	chronic 4000.02-10 TVS TVS
corgrace construction deviewable	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS50	chronic 1000.02-10 TVS TVS 100 TVS
corgrace construction deviewable	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS TVS
corgrace corrections are corrections and corrections are corrections are corrections are corrected as a correction are corrected as a correct are corrected as a corrected as	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS TVS
CORGRG26 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS	Chronic 1000.02-10 TVS TVS 100 TVS US 1000
CORGRG26 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS50 TVS	chronic 1000.02-10 TVS TVS 100 TVS SUS
corgrace construction deviewable	Classifications Agriculture Aq Life Cold 2 Water Supply 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 0.75250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS TVS TVS TVS TVS TVS
eviewable ualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply 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	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS	chronic 1000.02-10 TVS TVS 100 TVS
eviewable ualifiers:	Classifications Agriculture Aq Life Cold 2 Water Supply 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 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	Chronic 1000.02-10 TVS TVS 100 TVS WS 1000 TVS TVSWS
corgrace construction deviewable	Classifications Agriculture Aq Life Cold 2 Water Supply 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 40010	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	Chronic 1000.02-10 TVS TVS 100 TVS
corgrace construction deviewable	Classifications Agriculture Aq Life Cold 2 Water Supply 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 ic (mg/L) acute TVS 0.019 0.005 100100.05	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	Chronic 1000.02-10 TVS TVS 100 TVS TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS
corgrace corrections are corrections and corrections are corrections are corrections are corrected as a correction are corrected as a correct are corrected as a corrected as	Classifications Agriculture Aq Life Cold 2 Water Supply 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 100100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75250 0.011 0.05 0.11WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic
corgrace corrections are corrections and corrections are corrections are corrections are corrected as a correction are corrected as a correct are corrected as a corrected as	Classifications Agriculture Aq Life Cold 2 Water Supply 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 ic (mg/L) acute TVS 0.019 0.005 100100.05	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	Chronic 1000.02-10 TVS TVS 100 TVS TVS TVS 1000 TVS TVS/WS 0.01 160150 TVS
corgrace corrections are corrections and corrections are corrections are corrections are corrected as a correction are corrected as a correct are corrected as a corrected as	Classifications Agriculture Aq Life Cold 2 Water Supply 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 100100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75250 0.011 0.05 0.11WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 1000.02-10 TVS TVS 100 TVS TVS TVS 1000 TVS TVS/WS 0.01 160150 TVS

27. Deleted.							
CORGRG27	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation			DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	c (mg/L)				
			acute	chronic			
	(D): 0						
		es and wetlands, from the source to t		Reservoir <u>roa</u>	ad crossing at 37.218809		
	Classifications	Physical and I		B414/A T		Metals (ug/L)	
	Agriculture Ag Life Cold 1	T	DM	MWAT		acute	chronic
Reviewable	Recreation E	Temperature °C	CS-II	CS-II	Aluminum		
	Water Supply	D.O. (/1)	acute	chronic	Arsenic	340	
Qualifiers:	таког Сирргу	D.O. (mg/L) D.O. (spawning)		6.0 7.0	Arsenic(T)		0.02
			05.00		Beryllium		
Other:		pH	6.5 - 9.0	450	Cadmium	TVS(tr)	TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==
Arsenic(chroni	•	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Dat	e of 12/31/2021				Chromium III(T)	50	
*Uranium(acut	e) = See 36.5(3) for details.	Inorgani	` ` '		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
		1			Zinc	TVS	TVS

CORGRG29	Classifications	Physical and	8809, -105.411762 Biological			Metals (ug/L)	
		Filysical and	DM	MWAT			ohronio
Designation Reviewable	Agriculture Ag Life Cold 2	T 00			A1	acute	chronic
eviewabie	Recreation E	Temperature °C	CS-II acute	CS-II chronic	Aluminum Arsenic	240	_
	Water Supply	D.O. (mg/l.)				340	0.02-10
Qualifiers:	Trace: Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10
		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Uranium(acu	te) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==
<u>Oramaniquou</u>	<u> </u>	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	16.8-30
					o.aa		
ork and Wes	t Fork of Costilla Creek, including	outaries and wetlands, from the source all tributaries and wetlands, within Co	olorado.	anchez Cana	1		TVS nent 31. East
			olorado.	anchez Cana	I diversion, excluding the s		
ork and Wes	t Fork of Costilla Creek, including	all tributaries and wetlands, within Co	olorado.	anchez Cana	I diversion, excluding the s	pecific listings in segr	
Fork and Wes CORGRG30 Designation	t Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1	all tributaries and wetlands, within Co	olorado. Biological		I diversion, excluding the s	pecific listings in segr	nent 31. East
ork and Wes CORGRG30 Designation	t Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E	all tributaries and wetlands, within Co Physical and	blorado. Biological DM	MWAT	I diversion, excluding the s	pecific listings in segr	nent 31. East
ork and Wes CORGRG30 Designation	t Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1	all tributaries and wetlands, within Co Physical and	Biological DM CS-I	MWAT CS-I	I diversion, excluding the s	pecific listings in segr Metals (ug/L) acute	chronic
Fork and Wes CORGRG30 Designation Reviewable	t Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E	all tributaries and wetlands, within Co Physical and Temperature °C	Diorado. Biological DM CS-I acute	MWAT CS-I chronic	Aluminum Arsenic	Metals (ug/L) acute 340	chronic
Fork and Wes CORGRG30 Designation Reviewable	t Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L)	Diorado. Biological DM CS-I acute	MWAT CS-I chronic 6.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
Fork and Wes CORGRG30 Designation Reviewable Qualifiers:	t Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Diorado. Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02 TVS
CORGRG30 Designation Reviewable Qualifiers: Other:	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Dolorado. Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02
CORGRG30 Designation Reviewable Qualifiers: Other: Emporary Marsenic(chron	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Diorado. Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Diorado. Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Diorado. Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Dolorado. 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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 50 TVS	chronic 0.02 TVS TVS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Co Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	Dolorado. 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 Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS
CORGRG30 Designation Reviewable Qualifiers: Description Control of the control of	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron	District District	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Benyllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS WS
CORGRG30 Designation Reviewable Qualifiers: Cother: Comporary Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	District District	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS
CORGRG30 Designation Reviewable Qualifiers: Cother: Comporary Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	District District	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	### Appecific listings in segrence	Chronic 0.02 TVS TVS TVS WS 1000 TVS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	District District	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 TVS	chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Components Designation Reviewable	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	Display	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS 50 TVS	chronic 0.02 TVS TVS TVS S TVS S TVS S TVS WS 1000 TVS TVS/WS 0.01
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	Dolorado. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	### Appecific listings in segrence	chronic 0.02 TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01 160150
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	Dolorado. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	### Appecific listings in segrence	Chronic 0.02 TVS TVS TVS STVS TVS TVS TVS TVS TVS TV
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	blorado. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	### Appecific listings in segrence	Chronic 0.02 TVS TVS TVS STVS TVS TVS TVS TVS TVS TV
CORGRG30 Designation Reviewable Qualifiers: Description Control of the Control of	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	Dolorado. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	### Appecific listings in segrence	chronic 0.02 TVS TVS TVS S TVS S TVS WS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS
CORGRG30 Designation Reviewable Qualifiers: Designation Reviewable Authority Marsenic(chron Expiration Date	ct Fork of Costilla Creek, including Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021	all tributaries and wetlands, within Corphysical 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	blorado. Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	### Appecific listings in segrence	Chronic 0.02 TVS TVS TVS STVS TVS TVS TVS TVS TVS TV

CORGRG31	Classifications	Physical and	l Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
rsenic(chron	* *	E. Coli (per 100 mL)		126	Chromium III		TVS
`	te of 12/31/2021				Chromium III(T)	50	
shlorophyll a	(mg/m²)(chronic) = applies only above	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
ne facilities li	sted at 36.5(4).		acute	chronic	Copper	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Iron		WS
	te) = See 36.5(3) for details.	Boron		0.75	Iron(T)		1000
·		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 150
		Phosphorus	<u>=</u>	0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	₩	TVS
		Suilide		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	16.8-30
					Zinc	TVS	TVS
O All Jokes o	and recognising tributery to the Die Crop	do and within the Maninusha N	A/ildorpoop Area		ZIIIC	173	173
	and reservoirs tributary to the Rio Grand	1	vilderness Area.				
:ORGRG32	Classifications	I Physical and	Biological			Metals (ug/L)	
	Classifications Agriculture	Physical and	Biological	MWAT		Metals (ug/L)	chronic
esignation	Agriculture	·	DM	MWAT		Metals (ug/L) acute	chronic
esignation		Physical and Temperature °C	DM CL	CL	Aluminum	acute	
esignation	Agriculture Aq Life Cold 1	Temperature °C	DM CL acute	CL chronic	Aluminum Arsenic	acute 340	
esignation W	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L)	DM CL acute	CL chronic 6.0	Aluminum Arsenic Arsenic(T)	acute	
esignation	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CL acute 	CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	acute 340	 0.02
esignation W ualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CL acute	CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS(tr)	0.02 — TVS
	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) pH chlorophyll a (ug/L)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 TVS(tr) 5.0	0.02 TVS
esignation Rualifiers: Other: chlorophyll a nd reservoirs	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	DM CL acute 	CL chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340 TVS(tr) 5.0	0.02 TVS TVS
esignation W ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(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) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0	CL chronic 6.0 7.0 8*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340 TVS(tr) 5.0 50	 0.02 TVS TVS
esignation W tualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50 TVS	 0.02 TVS TVS
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 nic (mg/L) acute	CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS(tr) 5.0 50	0.02 TVS TVS TVS TVS
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50 TVS	
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	DM CL acute 6.5 - 9.0 nic (mg/L) acute	CL chronic 6.0 7.0 8* 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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 nic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS	
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(servoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(servoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS
ualifiers: ther: thlorophyll a nd reservoirs rhosphorus(servoirs larg	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgar Ammonia Boron Chloride Chlorine Cyanide	DM CL acute 6.5 - 9.0 hic (mg/L) acute TVS 0.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	
ualifiers: ther: thlorophyll a nd reservoirs rhosphorus(servoirs larg	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
ualifiers: ther: thlorophyll a nd reservoirs rhosphorus(servoirs larg	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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	DM CL acute 6.5 - 9.0 0.019 0.005 10 0.05	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(servoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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 Phosphorus	DM CL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS
ualifiers: ther: chlorophyll a nd reservoirs Phosphorus(eservoirs large	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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 Phosphorus Sulfate	DM CL acute 6.5 - 9.0 10.019 0.005 10 0.05 10.019 0.005 10.019 0.005 10.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	0.02 TVS
Aualifiers: Other: chlorophyll a nd reservoirs Phosphorus(eservoirs largest	Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = 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 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 Phosphorus Sulfate	DM CL acute 6.5 - 9.0 10.019 0.005 10 0.05 10.019 0.005 10.019 0.005 10.019 0.005	CL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.025* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS

ORGRG33	Classifications	Physical and	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium	_	
ther:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50	
	te) = See 36.5(3) for details.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

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.

CORGRG34	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
	te) = See 36.5(3) for details.	Inorganic (n	ng/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

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 WL Temperature °C WL **Aluminum** Recreation E acute chronic Arsenic 340 ---Qualifiers: D.O. (mg/L) 5.0 Arsenic(T) 7.6 Fish Ingestion Standards Apply рΗ 6.5 - 9.0 Bervllium 20* Other: chlorophyll a (ug/L) Cadmium TVS TVS E. Coli (per 100 mL) 126 Chromium III TVS TVS *chlorophyll a (ug/L)(chronic) = applies only to lakes Chromium III(T) 100 Inorganic (mg/L) and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and Chromium VI **TVS TVS** acute chronic reservoirs larger than 25 acres surface area. TVS TVS TVS Copper **TVS** Ammonia *Uranium(acute) = See 36.5(3) for details. 0.75 Iron(T) 1000 Boron TVS Lead **TVS** Chloride TVS 0.019 0.011 Manganese TVS Chlorine Mercury(T) 0.01 Cyanide 0.005 160150 Nitrate 100 Molybdenum(T) 0.05---TVS TVS Nickel Nitrite <u>-0.05</u> Selenium TVS TVS Phosphorus 0.083* Silver **TVS** TVS Sulfate Uranium Sulfide 0.002 varies* ---TVS 7inc TVS

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 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	==
	(ug/L)(chronic) = applies only to lakes alonger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Phosphorus(chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50	
	te) = See 36.5(3) for details.	Inorganic (m	g/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160<u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

37. Sanchez F	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (ug/L)		20*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
*chlorophyll a	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	Inorgar	nic (mg/L)		Chromium III		TVS
*Phosphorus(chronic) = applies only to lakes and		acute	chronic	Chromium III(T)	50	
	ger than 25 acres surface area. te) = See 36.5(3) for details.	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
Oramamiaca	<u>to j = 000 00.0(0) 101 details.</u>	Boron		0.75	Copper	TVS	TVS
		Chloride		250	Iron		WS
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	<u></u>
		Nitrite	0.05	0.05	Manganese	TVS	TVS/WS
		Phosphorus		0.083*	Mercury(T)		0.01
		Sulfate		WS	Molybdenum(T)		160 150
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	<u>16.8-30</u> ≜
	al Reservoir, Upper Brown Lake, Santa	a Maria Reservoir, Road Canyor	n Reservoir, Rio Gra	ande Reservo	Zinc	TVS	TVS
	al Reservoir, Upper Brown Lake, Santa ountain Home Reservoir, Classifications	n Maria Reservoir, Road Canyon Physical and		ande Reservo	Zinc bir, Big Meadows Reservoir	TVS	TVS
Reservoir, Mo CORGRG38	ountain Home Reservoir,	· · ·		MWAT	Zinc bir, Big Meadows Reservoir	TVS , Beaver Creek Rese	TVS
Reservoir, Mo CORGRG38 Designation	cuntain Home Reservoir, Classifications Agriculture Aq Life Cold 1	· · ·	Biological		Zinc bir, Big Meadows Reservoir	TVS T, Beaver Creek Rese	TVS rvoir, Smith
Reservoir, Mo CORGRG38 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM	MWAT	Zinc bir, Big Meadows Reservoir	TVS T, Beaver Creek Rese Metals (ug/L) acute	TVS rvoir, Smith
Reservoir, Mo CORGRG38 Designation Reviewable	cuntain Home Reservoir, Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CLL	MWAT CLL	Zinc jir, Big Meadows Reservoir Aluminum	TVS T, Beaver Creek Rese Metals (ug/L) acute	TVS rvoir, Smith chronic
Reservoir, Mo CORGRG38 Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CLL acute	MWAT CLL chronic	Zinc pir, Big Meadows Reservoir Aluminum Arsenic	TVS T, Beaver Creek Rese Metals (ug/L) acute	TVS rvoir, Smith chronic
Reservoir, Mo	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	Biological DM CLL acute	MWAT CLL chronic 6.0	Zinc pir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T)	TVS T, Beaver Creek Rese Metals (ug/L) acute 340	TVS rvoir, Smith chronic
Reservoir, Mo CORGRG38 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 CLL acute	MWAT CLL chronic 6.0 7.0	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium	TVS r, Beaver Creek Rese Metals (ug/L) acute 340	rvoir, Smith chronic 0.02
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs	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	Biological DM CLL acute	MWAT CLL chronic 6.0 7.0	Zinc pir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr)	rvoir, Smith chronic 0.02 TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll 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. chronic) = applies only to lakes and	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	Biological DM CLL acute	MWAT CLL chronic 6.0 7.0 8*	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0	TVS rvoir, Smith chronic 0.02 TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(treservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs	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 CLL acute	MWAT CLL chronic 6.0 7.0 8*	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0	rvoir, Smith chronic 0.02 TVS TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs Phosphorus(ereservoirs largereservoirs largereservoirs)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 CLL acute 6.5 - 9.0	MWAT CLL chronic 6.0 7.0 8*	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 50	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs Phosphorus(ereservoirs largereservoirs largereservoirs)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 CLL acute 6.5 - 9.0 nic (mg/L)	MWAT CLL chronic 6.0 7.0 8* 126	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS r, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	rvoir, Smith chronic 0.02 TVS TVS TVS TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(treservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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 CLL acute 6.5 - 9.0 cute (mg/L) acute	MWAT CLL chronic 6.0 7.0 8* 126	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs Phosphorus(ereservoirs largereservoirs largereservoirs)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgan	Biological DM CLL acute 6.5 - 9.0 sic (mg/L) acute TVS	MWAT CLL chronic 6.0 7.0 8* 126 chronic	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS WS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(treservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs largereservoirs	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgan	Biological DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: Ichlorophyll a and reservoirs Phosphorus(reservoirs largereservoirs largeres	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride	Biological DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS r, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS WS 1000 TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs Phosphorus(ereservoirs largereservoirs largereservoirs)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine	Biological DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS rvoir, Smith chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: *chlorophyll a and reservoirs Phosphorus(ereservoirs largereservoirs largereservoirs)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide	Biological DM CLL acute 6.5 - 9.0 TVS 0.019 0.005	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS rvoir, Smith chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: Ichlorophyll a and reservoirs Phosphorus(reservoirs largereservoirs largeres	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS TVS TVS TVS TVS TVS TVS TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CLL acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS r, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01 460150
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: chlorophyll a and reservoirs Phosphorus(eeservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CLL acute 6.5 - 9.0 10 (mg/L) acute TVS 0.019 0.005 100.05	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01 160150 TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: Ichlorophyll a and reservoirs Phosphorus(eservoirs large	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10 0.05	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025* WS	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS r, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS
Reservoir, Mo CORGRG38 Designation Reviewable Qualifiers: Other: Ichlorophyll a and reservoirs Phosphorus(reservoirs largereservoirs largeres	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply (ug/L)(chronic) = applies only to lakes a larger than 25 acres surface area. chronic) = applies only to lakes and ger 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) Inorgar Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Biological DM CLL acute 6.5 - 9.0 TVS 0.019 0.005 10 0.05	MWAT CLL chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05=== 0.025* WS	Zinc Dir, Big Meadows Reservoir Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS T, Beaver Creek Rese Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	TVS rvoir, Smith chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 160150 TVS 1000 TVS

1. All tributarie	Classifications	Physical and	Pielegies			Metals (ug/L)	
Designation	Agriculture	Filysical and	DM	MWAT		acute	chronic
)W	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute	CHIOTIC
7 V V	Recreation E	Temperature C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)	acute	6.0			0.02
ualifiers:		D.O. (mg/L) D.O. (spawning)		7.0	Arsenic(T)		0.02
		pH	6.5 - 9.0		Beryllium Codmium	TVS(tr)	TVS
Other:		chlorophyll a (mg/m²)	0.5 - 9.0	150	Cadmium Cadmium(T)		
Uranium(acu	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	<u>5.0</u>	TVS
		E. Coli (per 100 IIIE)		120	Chromium III(T)	50	172
			:- (Chromium VI	TVS	TVS
		inorgan	ic (mg/L)	ahrania		TVS	TVS
			acute	chronic	Copper		
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	<u></u>
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
	a, and 4b. Tributaries of the Alar	tributaries and wetlands, from the so nosa River entering from the south, fr			ne confluence of Bitter Cre	ek to the inlet of Terra	TVS stings in
egments 1, ² CORGAL02	la, and 4b. <u>Tributaries of the Alar</u> Classifications		om a point immedia Biological	ately below th	Zinc onfluence with Alum Creek ne confluence of Bitter Cre	TVS s, except for specific li ek to the inlet of Terra Metals (ug/L)	stings in ce Reservoir.
egments 1, ² ORGAL02 esignation	ta, and 4b. <u>Tributaries of the Alar</u> Classifications Agriculture	mosa River entering from the south, fr Physical and	om a point immedia Biological DM	MWAT	Zinc onfluence with Alum Creek the confluence of Bitter Cre	TVS c, except for specific li ek to the inlet of Terra	TVS stings in
egments 1, ² CORGAL02 Designation	la, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1	mosa River entering from the south, fr	om a point immedia Biological DM CS-I	MWAT CS-I	Zinc onfluence with Alum Creek the confluence of Bitter Creek Aluminum	TVS c, except for specific li ek to the inlet of Terra Metals (ug/L) acute	TVS stings in ace Reservoir. chronic
egments 1, ² ORGAL02 esignation	Ia, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	om a point immedia Biological DM CS-I acute	MWAT CS-I chronic	Zinc onfluence with Alum Creek the confluence of Bitter Cre Aluminum Arsenic	TVS s, except for specific liek to the inlet of Terra Metals (ug/L) acute 340	TVS stings in ce Reservoir. chronic
egments 1, 4 CORGAL02 esignation eviewable	la, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	om a point immedia Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc onfluence with Alum Creeke confluence of Bitter Cree	TVS c, except for specific lick to the inlet of Terra Metals (ug/L) acute 340	TVS stings in ce Reservoir. chronic
egments 1, 4 CORGAL02 Designation Reviewable Qualifiers:	Ia, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	om a point immedia Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium	TVS c, except for specific li ek to the inlet of Terra Metals (ug/L) acute 340	TVS stings in cce Reservoir. chronic 0.02
	Ia, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	om a point immedia Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS s, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr)	TVS stings in ce Reservoir. chronic
egments 1, 4 CORGAL02 Designation Reviewable Qualifiers:	Ia, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	om a point immedia Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0 150	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	TVS c, except for specific li ek to the inlet of Terra Metals (ug/L) acute 340	tings in ce Reservoir. chronic 0.02 TVS
egments 1, 4 CORGAL02 Designation Reviewable Qualifiers:	Ia, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	om a point immedia Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS c, except for specific liek to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0	TVS stings in ice Reservoir. chronic 0.02 TVS TVS
egments 1, 4 CORGAL02 Designation Reviewable Qualifiers:	Ia, and 4b. Tributaries of the Alar Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	om a point immedia Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc onfluence with Alum Creeke confluence of Bitter Cree	TVS c, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50	TVS stings in ce Reservoir. chronic 0.02 TVS TVS
egments 1, 4 CORGAL02 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable	Ia, and 4b. Tributaries of the Alar 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)	om a point immedia Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS s, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	tings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS
egments 1, 4 CORGAL02 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable	Ia, and 4b. Tributaries of the Alar 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)	om a point immedia Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc onfluence with Alum Creeke confluence of Bitter Cree	TVS c, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50	TVS stings in ce Reservoir. chronic 0.02 TVS TVS
egments 1, 4 CORGAL02 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable	Ia, and 4b. Tributaries of the Alar 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)	om a point immedia Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS s, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	trys stings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan	om a point immedia 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 onfluence with Alum Creeke confluence of Bitter Cree	TVS c, except for specific liek to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS stings in ICC Reservoir. chronic 0.02 TVS TVS TVS TVS TVS WS 1000
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride	om a point immedia 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	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS c, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	TVS stings in the Reservoir. chronic 0.02 TVS TVS TVS TVS TVS TVS WS
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron	om a point immedia 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 onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS I, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS stings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
egments 1, 4 ORGAL02 esignation eviewable ualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride	om a point immedia 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	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS c, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS	TVS stings in ICE Reservoir. chronic 0.02 TVS TVS TVS STVS US 1000 TVS TVS TVS TVS TVS
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine	om a point immedia 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 onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS I, except for specific lick to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS stings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide	om a point immedia 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 onfluence with Alum Creeke confluence of Bitter Cree	TVS I, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS stings in ICE Reservoir. chronic 0.02 TVS TVS TVS STVS US 1000 TVS TVS TVS TVS TVS
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	om a point immedia 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 onfluence with Alum Creeke confluence of Bitter Creeke confluence conflu	TVS c, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS stings in ICE Reservoir. chronic 0.02 TVS TVS TVS STVS TVS TVS TVS TVS TVS STVS TVS
egments 1, 4 CORGAL02 lesignation leviewable leualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	om a point immedia Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Zinc onfluence with Alum Creeke confluence of Bitter Cree	TVS I, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS	TVS stings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS TVS TVS US 1000 TVS TVS/WS 0.01(t) 160150
egments 1, 4 CORGAL02 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrite Phosphorus	om a point immedia Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS I, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS stings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS STVS TVS US 1000 TVS TVS/WS 0.01(t) 160150 TVS
egments 1, 4 CORGAL02 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	om a point immedia Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	### MWAT CS-I Chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc onfluence with Alum Creeke confluence of Bitter Cre Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS I, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	TVS stings in 1000 chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 160150 TVS
egments 1, 4 CORGAL02 Designation Reviewable Qualifiers:	Ia, and 4b. Tributaries of the Alar 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	om a point immedia Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	### MWAT CS-I Chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc onfluence with Alum Creeke confluence of Bitter Creeke confluence c	TVS I, except for specific lies to the inlet of Terra Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	TVS stings in ce Reservoir. chronic 0.02 TVS TVS TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01(#) 160150 TVS 1000 TVS

	of the Alamosa River from immediate	Dhysical and	Dielegieel			Matala (us/L)	
	Classifications	Physical and				Metals (ug/L)	
	Agriculture		DM	MWAT		acute	chronic
Р	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum		varies*
	Recreation E		acute	chronic	Aluminum	varies*	
ualifiers:		D.O. (mg/L)		6.0	Arsenic	340	
ther:		D.O. (spawning)		7.0	Arsenic(T)		100
Aluminum(acı	uto) —	рН	varies*		Beryllium	_	
	ale) = 3,886(T) from 5/1-6/30	chlorophyll a (mg/m²)		150	Cadmium	TVS(tr)	TVSSSE*
,666 ug/L and Aluminum(chr	d 21,036(T) from 7/1-4/30	E. Coli (per 100 mL)		126	<u>Cadmium</u>	<u>SSE*</u>	=
5 ug/L and 1,	157(T) from 5/1-6/30				Chromium III	TVS	TVS
	d 3,026(T) from 7/1-4/30 ute) = e^(0.9789*ln(hardness)-	Inorgan	ic (mg/L)		Chromium III(T)		100
866)*(1.1366	672-(ln(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS
	onic) = e^(0.7977*In(hardness)- 672-(In(hardness)*0.041838))	Ammonia	TVS	TVS	Copper	TVS	
	te) = See 36.5(3) for details.	Boron		0.75	Iron(T)		12000
	1.0-9.0 from 3/1-5/31	Chloride			Lead	TVS	TVS
.73-9.0 from 6 .94-9.0 from 9		Chlorine	0.019	0.011	Manganese	TVS	TVS
.52 - 9.0 from	12/1-2/29	Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 150
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS(tr)
		Sulfide			Uranium	varies*	
		Guillac		0.002			
b Mainstem	of the Alamosa River from immediat				Zinc	TVS	TVS
	of the Alamosa River from immediat		Wightman Fork to i		Zinc	TVS Fern Creek.	
ORGAL03B		tely above the confluence with the	Wightman Fork to i		Zinc	TVS	
ORGAL03B	Classifications	tely above the confluence with the Physical and	Wightman Fork to i Biological	mmediately	Zinc	TVS Fern Creek. Metals (ug/L)	TVS
ORGAL03B esignation	Classifications Agriculture	tely above the confluence with the	Wightman Fork to i Biological DM	mmediately	Zinc above the confluence with Aluminum	TVS Fern Creek. Metals (ug/L) acute	TVS
ORGAL03B esignation	Classifications Agriculture Aq Life Cold 1	tely above the confluence with the Physical and Temperature °C	Wightman Fork to i Biological DM CS-I	MWAT CS-I chronic	Zinc above the confluence with Aluminum Aluminum	TVS Fern Creek. Metals (ug/L) acute varies*	chronic varies*
orgalo3B esignation P ualifiers:	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	Wightman Fork to it Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc above the confluence with Aluminum Aluminum Arsenic	TVS Fern Creek. Metals (ug/L) acute	chronic varies*
ORGAL03B esignation	Classifications Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L) D.O. (spawning)	Wightman Fork to i Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Aluminum Aluminum Arsenic Arsenic(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340	chronic varies*
orgaL03B esignation P ualifiers: tther:	Classifications Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	Wightman Fork to it Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium	TVS Fern Creek. Metals (ug/L) acute varies* 340	chronic varies* 7.6
orgalo3B esignation P ualifiers: ther: Aluminum(act 9 ug/L and 4,	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr)	chronic varies* 7.6 TVS
orgalo3B esignation P tualifiers: ther: Aluminum(act 9 ug/L and 1, 41 ug/L and 1	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) =	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	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	TVS Fern Creek. Metals (ug/L) acute varies* 340	chronic varies* 7.6 TVS TVS
orgalo3B esignation P ualifiers: ther: Aluminum(act 9 ug/L and 4, 41 ug/L and 1, 11 aluminum(chr 1 ug/L and 1, 11 ug/L and 1, 12 and 1, 13 aluminum(chr 1 ug/L and 1 aluminum(chr 1 ug/L alu	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30	Temperature °C 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 Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS	chronic varies* 7.6 TVS TVS 100
orgalo3B esignation P ualifiers: ther: Aluminum(acu 9 ug/L and 4, 41 ug/L and 1 Aluminum(chr 1 ug/L and 1, 82 ug/L and 2	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) =	Temperature °C 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 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS	chronic varies* 7.6 TVS TVS 100 TVS
orgalo3B esignation P ualifiers: ther: Aluminum(acu 9 ug/L and 4, 41 ug/L and 1 Aluminum(chr 1 ug/L and 1, 82 ug/L and 2	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	Temperature °C 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	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS	chronic varies* 7.6 TVS TVS 100 TVS 30
ORGAL03B esignation P ualifiers: ther: Aluminum(act 9 ug/L and 4,41 ug/L and 1,41 ug/L and 1,41 ug/L and 1,42 ug/L and 2,432 ug/L and 2,434 u	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia	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	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000
ORGAL03B esignation P ualifiers: ther: Aluminum(act 9 ug/L and 4,4 11 ug/L and 1,4 11 ug/L and 1,4 12 ug/L and 2,4 132 ug/L and 2,4	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	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 Arsenic(T) Beryllium Cadmium Chromium III Chromium III Chromium VI Copper Iron(T) Lead	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS
orgalos esignation pualifiers: ther: aluminum(act 9 ug/L and 4,1 11 ug/L and 1,1 10 ug/L and 1,1 10 ug/L and 2,1 10 ug/L and 2,1	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	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 Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS
orgalos esignation pualifiers: ther: aluminum(act 9 ug/L and 4,1 11 ug/L and 1,1 10 ug/L and 1,1 10 ug/L and 2,1 10 ug/L and 2,1	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	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	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS TVS 0.01(#)
ORGAL03B esignation P ualifiers: ther: Aluminum(act 9 ug/L and 4,4 11 ug/L and 1,4 11 ug/L and 1,4 12 ug/L and 2,4 132 ug/L and 2,4	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	Wightman Fork to i 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	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS 0.01(t) 460150
DRGAL03B esignation cualifiers: ther: duminum(act 0 ug/L and 4,11 ug/L and 1,11 ug/L and 1,11 ug/L and 1,11 ug/L and 2,11 ug/L a	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	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 0.011	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS TVS 0.01(#)
orgalos esignation pualifiers: ther: aluminum(act 9 ug/L and 4,1 11 ug/L and 1,1 10 ug/L and 1,1 10 ug/L and 2,1 10 ug/L and 2,1	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	Wightman Fork to i 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	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS 0.01(t) 460150
ORGAL03B esignation P ualifiers: ther: Aluminum(act 9 ug/L and 4,41 ug/L and 1,41 ug/L and 1,41 ug/L and 1,42 ug/L and 2,432 ug/L and 2,434 u	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	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 7.0 150 126 Chronic TVS 0.75 0.011	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS 0.01(+) 160150 TVS
orgalo3B esignation P ualifiers: ther: Aluminum(acu 9 ug/L and 4, 41 ug/L and 1 Aluminum(chr 1 ug/L and 1, 82 ug/L and 2	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 556(T) from 5/1-6/30 TVS(T) from 7/1-4/30 ronic) = 246(T) from 5/1-6/30 2,661(T) from 7/1-4/30	tely above the confluence with 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	Wightman Fork to i Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100 0.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Zinc above the confluence with Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Fern Creek. Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic varies* 7.6 TVS TVS 100 TVS 30 12000 TVS TVS 0.01(t) 160150 TVS

Bc. Mainstem		B	Distantini			Matala (. n)	
	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		varies*
	Recreation E		acute	chronic	Aluminum	varies*	
ualifiers:		D.O. (mg/L)		6.0	Arsenic	340	
ther:		D.O. (spawning)		7.0	Arsenic(T)		7.6
		pH	6.5 - 9.0		Beryllium	_	
Aluminum(ac	ute) = 6,729(T) from 5/1-6/30	chlorophyll a (mg/m²)		150	Cadmium	TVS(tr)	TVSSSE*
58 ug/L and	TVS(T) from 7/1-4/30	E. Coli (per 100 mL)		126	<u>Cadmium</u>	SSE*	==
Aluminum(ch 3 ug/L and 1	ronic) = ,973(T) from 5/1-6/30				Chromium III	TVS	TVS
96 ug/L and	2,232(T) from 7/1-4/30	Inorgan	ic (mg/L)		Chromium III(T)		100
	ute) = e^(0.9789*ln(hardness)- 672-(ln(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS
Cadmium(chi	$ronic) = e^{(0.7977*ln(hardness)-}$	Ammonia	TVS	TVS	Copper	TVS	TVS
•	672-(In(hardness)*0.041838)) te) = See 36.5(3) for details.	Boron		0.75	Iron(T)		12000
zramumtacu	<u>le) = 5ee 50.5(5) 101 details.</u>				Lead	TVS	TVS
		Chlorine	0.040	0.044		TVS	TVS
		Chlorine	0.019	0.011	Manganese		
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 <u>150</u>
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus		0.11	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	<u>varies*</u>	
		Sulfide		0.002	Uranium Zinc	<u>varies*</u> TVS	TVS
d Mainstem	of the Alamosa River from immediat				Zinc		
	of the Alamosa River from immediat	ely below the confluence with Rar	nger Creek to the in		Zinc	TVS	TVS
ORGAL03D	Classifications		nger Creek to the in	let of Terrace	Zinc	TVS Metals (ug/L)	TVS
ORGAL03D esignation	Classifications Agriculture	ely below the confluence with Rar Physical and	nger Creek to the in Biological DM	let of Terrace	Zinc e Reservoir.	TVS Metals (ug/L) acute	TVS
ORGAL03D esignation	Classifications	ely below the confluence with Rar	nger Creek to the in Biological DM CS-I	MWAT CS-I	Zinc Reservoir. Aluminum	TVS Metals (ug/L) acute	TVS
ORGAL03D esignation eviewable	Classifications Agriculture Aq Life Cold 1	ely below the confluence with Rar Physical and Temperature °C	nger Creek to the in Biological DM CS-I acute	MWAT CS-I chronic	Zinc Reservoir. Aluminum Aluminum	TVS Metals (ug/L) acute varies*	chronic varies*
ORGAL03D esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L)	nger Creek to the in Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc Reservoir. Aluminum Aluminum Arsenic	TVS Metals (ug/L) acute varies* 340	chronic varies*
ORGAL03D esignation eviewable ualifiers:	Classifications Agriculture Aq Life Cold 1	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	nger Creek to the in Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute varies*	chronic varies*
orgalo3D esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium	TVS Metals (ug/L) acute varies* 340	chronic varies* 7.6
orgalo3D esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute varies* 340 TVS(tr)	chronic varies* 7.6 TVS
orgalos esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and T	Classifications Agriculture Aq Life Cold 1 Recreation E ute) = 907(T) from 5/1-6/30 VS(T) from 7/1-4/30 ronic) =	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	TVS Metals (ug/L) acute varies* 340	chronic varies* 7.6 TVS
orgalos esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and T Aluminum(ch	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	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute varies* 340 TVS(tr)	chronic varies* 7.6 TVS TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS	chronic varies* 7.6 TVS TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 1 0 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	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS	chronic varies* 7.6 TVS TVS 100 TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0 iic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS	chronic varies* 7.6 TVS TVS 100 TVS TVS
orgalo3D esignation eviewable ualifiers: ther: sluminum(ac 7 ug/L and 6 4 ug/L and 1 1 lug/L and 1 1 0 ug/L and 1 1 0 ug/L and 1 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	nger Creek to the in 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 Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS	Chronic varies* 7.6 TVS TVS 100 TVS 12000
orgalo3D esignation eviewable ualifiers: ther: sluminum(ac 7 ug/L and 6 4 ug/L and 1 1 lug/L and 1 1 0 ug/L and 1 1 0 ug/L and 1 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	nger Creek to the in 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	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0 iic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar 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	nger Creek to the in 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	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS	chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS TVS 0.01(t)
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar 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	nger Creek to the in 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 0.011	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS 12000 TVS 0.01(#)
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar 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	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0 iic (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	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS TVS 0.01(t) 160150 TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar 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	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 1000.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011 0.05	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS TVS 0.01(#) 160150 TVS
esignation eviewable ualifiers: ther: Aluminum(ac 7 ug/L and 6 4 ug/L and 1 0 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar 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	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0 sic (mg/L) acute TVS 0.019 0.005 1000.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011 0.05 0.11	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS TVS 0.01(t) 460150 TVS TVS TVS TVS TVS
orgalo3D esignation eviewable ualifiers: ther: sluminum(ac 7 ug/L and 6 4 ug/L and 1 1 lug/L and 1 1 0 ug/L and 1 1 0 ug/L and 1 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 ,554(T) from 7/1-4/30	ely below the confluence with Rar 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	nger Creek to the in Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 1000.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011 0.05	Zinc Reservoir. Aluminum Aluminum Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute varies* 340 TVS(tr) TVS	TVS chronic varies* 7.6 TVS TVS 100 TVS 12000 TVS 0.01(t) 460150 TVS

	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Recreation E				Aluminum		
Qualifiers:			acute	chronic	Arsenic		
Other:		D.O. (mg/L)			Beryllium		
		pH	2.5-9.0		Cadmium		
Uranium(acut	te) = See 36.5(3) for details.	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 <u>(T)</u>		
		Chlorine			Molybdenum(T)		
		Cyanide			Nickel		
		Nitrate			Selenium		
		Nitrite			Silver		
		Phosphorus			Uranium	<u>varies*</u>	
		Sulfate			Zinc		
		Sulfide					
vetlands.		ries and wetlands, from the source to		the confluer	_		utaries and
	Classifications	Physical and		B814/A T		Metals (ug/L)	
Designation	Agriculture	T	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1 Recreation E	Temperature °C	CS-I	CS-I	Aluminum		
Qualifiers:	Recreation	D.O. (/I)	acute	chronic	Arsenic	340	7.0
		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium		
Uranium(acu	te) = See 36.5(3) for details.	pH	6.5 - 9.0	450	Cadmium	TVS(tr)	TVS
<u>Oramam,aca</u>	<u>ic) = 0cc 00.0(0) for details.</u>	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
							1000
							TVS
					_		TVS
					·—		0.01 (t)
							160 <u>150</u>
		•					TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Silver	TVS	
		Nitrite Phosphorus Sulfate	<u>0.05</u> 	0.05 0.11	Silver Uranium Zinc	TVS <u>varies*</u> TVS	TVS(tr)
		Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS		Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS TVS TVS TVS TVS TVS	

CORGAL05	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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium	_	
		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Uranium(acu	te) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01 (t)
		Chlorine	0.019	0.011	Molybdenum(T)		160 150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium	varies*	
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
6. Mainstem o	of Wightman Fork from the west lin	e of S30, T37N, R4E (37.43127, -10	6.60325) to the con		the Alamosa River.		
CORGAL06	Classifications	Physical and	•			Metals (ug/L)	
Designation	Agriculture	·	DM	MWAT		acute	chronic
JP	Recreation E				Aluminum		
Qualifiers:	· ·		acute	chronic	Arsenic		
Other:		D.O. (mg/L)			Beryllium		
Julier.		pH			Cadmium		
Uranium(acu	te) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium III		
		E. Coli (per 100 mL)		126	Chromium VI		
			nic (mg/L)		Copper		
			acute	chronic	Iron		
		Ammonia			Lead		
					Manganese		
		Boron			Manganese Mercury(T)		
		Boron Chloride			Mercury(T)		
		Boron Chloride Chlorine			Mercury(T) Molybdenum(T)		
		Boron Chloride Chlorine Cyanide	 		Mercury(T) Molybdenum(T) Nickel		
		Boron Chloride Chlorine Cyanide Nitrate	 		Mercury(T) Molybdenum(T) Nickel Selenium	 	
		Boron Chloride Chlorine Cyanide Nitrate Nitrite	 		Mercury(T) Molybdenum(T) Nickel Selenium Silver	 	
		Boron Chloride Chlorine Cyanide Nitrate	 		Mercury(T) Molybdenum(T) Nickel Selenium	 	

ORGAL07	Classifications	Physical and	Biological		N	fletals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
Р	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Aluminum	_	
	Recreation E		acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
ther:		D.O. (spawning)		7.0	Beryllium	_	
		рН	5.5-9.0		Cadmium	_	
Jranium(acut	e) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Cadmium(T)		1
		E. Coli (per 100 mL)		126	Chromium III	_	
					Chromium III(T)		100
		Inorgan	ic (mg/L)		Chromium VI	_	
			acute	chronic	Chromium VI(T)		25
		Ammonia	TVS	TVS	Copper	_	
		Boron		0.75	Copper(T)		90
		Chloride			Iron(T)		3400
		Chlorine	0.019	0.011	Lead	_	
		Cyanide	0.005		Lead(T)		4
		Nitrate	100		Manganese	_	
		Nitrite	<u>0.05</u>	0.05	Manganese(T)		1000
		Phosphorus		0.11	Mercury		
		Sulfate			Mercury(T)		0.05
		Sulfide		0.002	Molybdenum(T)		160 <u>150</u>
					Nickel		
					Nickel(T)		5
					Selenium		
					Selenium(T)		20
					Silver	-	
					Silver(T)		0.1
					Uranium	<u>varies*</u>	
					Zinc	_	
					Zinc(T)		170

8. Terrace Re	servoir.						
CORGAL08	Classifications	Physical and Bi	ological			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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
ish Ingestio	n <u>Standards Apply</u>	D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	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(T)		100
Phosphorus(chronic) = applies only to lakes and				Chromium VI	TVS	TVS
	per than 25 acres surface area. ute) = See 36.6(4) for site-specific	Inorganic	(mg/L)		Copper	TVS	TVS
	I assessment locations. ronic) = See 36.6(4) for site-specific		acute	chronic	Iron(T)		1000
	assessment locations.	Ammonia	TVS	TVS	Lead	TVS	TVS
Uranium(acu	te) = See 36.5(3) for details.	Boron		0.75	Manganese	TVS	TVS
		Chloride			Manganese(T)		200
		Chlorine	0.019	0.011	Mercury(T)		0.01 (t)
		Cyanide	0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate	100		Nickel	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Selenium	TVS	TVS
		Phosphorus		0.025*	Silver	TVS	TVS(tr)
		Sulfate			Uranium	varies*	
		Sulfide		0.002	Zinc	TVS	TVS

9. Mainstem of	Alamosa River from the outlet of	Terrace Reservoir to Hwy 15 (Gunb	arrel Road).				
CORGAL09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP <u>Reviewable</u>	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS	TVS
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		6.0	Arsenic(T)		7.6 <u>0.02</u>
Qualifiers:		D.O. (spawning)		7.0	Beryllium		_
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Uranium(acut	e) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
					Chromium III(T)	<u>50</u>	100
		Inorgan	nic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	<u>Iron</u>	=	<u>WS</u>
		Boron		0.75	Iron(T)		1000
		Chloride		<u>250</u>	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS <u>WS</u>
		Nitrate	100<u>10</u>		Manganese(T)		200
		Nitrite	<u>0.05</u>	0.05	Mercury <u>(T)</u>		0.01 (t)
		Phosphorus		0.11	Molybdenum(T)		160 <u>150</u>
		Sulfate		<u>WS</u>	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

CORGAL10	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS	TVS
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		6.0	Arsenic(T)		100 0.02-10
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
<u>Uranium(acu</u>	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
					Chromium III(T)	<u>50</u>	100
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	<u>lron</u>	=	<u>WS</u>
		Boron		0.75	Iron(T)		1000
		Chloride		<u>250</u> -	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS <u>WS</u>
		Nitrate	100<u>10</u>		Manganese(T)		200
		Nitrite	<u>0.05</u>	0.05	Mercury(T)		0.01 (t)
		Phosphorus		0.11	Molybdenum(T)		160 <u>150</u>
		Sulfate		<u>WS</u>	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS

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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium	_	
		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
<u> 'Uranium(acu</u>	te) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgani	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride		0.73	Manganese(T)		200
		Chlorine			Mercury(T)		0.01 (t)
			0.019	0.011	Molybdenum(T)		160150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100	0.05			TVS
		Nitrite	<u>0.05</u>	0.05	Selenium Silver	TVS TVS	
		Phosphorus		0.11			TVS(tr)
		Sulfate			Uranium	varies*	
		Sulfide of La Jara Reservoir to a point immer		0.002	Zinc	TVS	TVS
₋a Jara Creek							
CORGAL11B	Classifications	Physical and		above the co	Influence with Hot Creek.	Metals (ug/L)	
				MWAT		Metals (ug/L)	chronic
Designation	Classifications		Biological				chronic
Designation	Classifications Agriculture	Physical and	Biological DM	MWAT			chronic
Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	Aluminum	acute	-
Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum Arsenic	acute 340	
Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum Arsenic Arsenic(T)	acute 340	
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 Arsenic(T) Beryllium	acute 340	0.02 TVS
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	MWAT CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS(tr)	0.02
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 chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	acute 340 TVS(tr) 5.0	0.02 TVS
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 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	acute 340 TVS(tr) 5.0	
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 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS(tr) 5.0 50	
Designation Reviewable Reviewable Rualifiers:	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) Inorgani	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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS TVS
designation deviewable dualifiers:	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) Inorgani Ammonia	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS	
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 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 7.0 150 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS	
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 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 7.0 150 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 37VS(tr) 5.0 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS 300 1000 TVS
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 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 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS TVS 300 1000 TVS
designation deviewable dualifiers:	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) 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 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 37VS(tr) 5.0 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS 300 1000 TVS TVS
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 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 7.0 150 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	
Designation Reviewable Reviewable Rualifiers:	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) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T) Mercury(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	
Designation Reviewable Reviewable Rualifiers:	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) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 10 (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS 300 1000 TVS TVS 200 0.01(t) 460150
Designation Reviewable Reviewable Rualifiers:	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) Inorgani 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS 300 1000 TVS TVS 200 0.01(#) 160150 TVS
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 chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-II acute 6.5 - 9.0 10 (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS 300 1000 TVS 200 0.01(#) 460150 TVS
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 chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	acute 340 340	0.02 TVS TVS TVS 300 1000 TVS TVS 200 0.01(#) 160150 TVS
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 chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgani 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 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS 300 1000 TVS TVS 200 0.01(#) 460150 TVS

12. Mainstem	of La Jara Creek from immediately about	ove the confidence with hot cre	ck to the confidence	e with the ixit	oranac.		
CORGAL12	Classifications	Physical and	l Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	-	-
	Water Supply		acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		7.6 <u>0.02</u>
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish	IngestionStandards Apply	chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
*-1-1111	(Inorgai	nic (mg/L)		Chromium III	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 36.5(4).		acute	chronic	Chromium III(T)	<u>50</u>	100
*Phosphorus(of facilities listed	chronic) = applies only above the	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
	te) = See 36.5(3) for details.	Boron		0.75	Copper	TVS	TVS
,		Chloride		<u>250</u> -	<u>Iron</u>	=	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	100 10		Lead(T)	<u>50</u>	=
		Nitrite	0.05	0.05	Manganese	TVS	TVS <u>/WS</u>
		Phosphorus		0.17*	Manganese(T)		200
		Sulfate		WS	Mercury(T)		0.01 (t)
		Sulfide		0.002	Molybdenum(T)		160 150
		- Camac		0.002	Nickel	TVS	TVS
					Nickel(T)	=	100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	16.8-30 ≜
					Zinc	TVS	TVS
13. Mainstem	of Hot Creek from the source to the co	nfluence with La Jara Creek.			Ziilo	170	1 7 3
13. Mainstem CORGAL13	of Hot Creek from the source to the co	nfluence with La Jara Creek. Physical and	l Biological		Zino	Metals (ug/L)	173
			l Biological	MWAT			chronic
CORGAL13	Classifications			MWAT CS-II	Aluminum	Metals (ug/L)	
CORGAL13 Designation	Classifications Agriculture	Physical and	DM			Metals (ug/L)	
CORGAL13 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	DM CS-II	CS-II	Aluminum	Metals (ug/L) acute	chronic
CORGAL13 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	CS-II chronic	Aluminum Arsenic	Metals (ug/L) acute	chronic
CORGAL13 Designation Reviewable	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 7.0	Aluminum Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
CORGAL13 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)	DM CS-II acute 	CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic 0.02 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M	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	CS-II chronic 6.0 7.0	Aluminum Arsenic Arsenic(T) Beryllium Cadmium	Metals (ug/L) acute 340 TVS(tr)	chronic 0.02
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(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)	DM CS-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat	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*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a	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)	DM CS-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI	Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(o	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(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 nic (mg/L) acute	CS-II chronic 6.0 7.0 150* 126	Aluminum Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	chronic 0.02 TVS TVS TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgan	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150* 126 chronic TVS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS WS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(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) Inorgal Ammonia Boron	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75	Aluminum Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS WS 1000
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgat Ammonia Boron Chloride	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250	Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	Chronic
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgan Ammonia Boron Chloride Chlorine	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	Chronic
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the collities listed)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgal Ammonia Boron Chloride Chlorine Cyanide	DM CS-II acute 6.5 - 9.0 10.019 0.005	CS-II chronic 6.0 7.0 150* 126 chronic TVS 0.75 250 0.011	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	Chronic 0.02 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-II acute 6.5 - 9.0 nic (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	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS	Chronic 0.02 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgal Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgat Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11*	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2021 (mg/m²)(chronic) = applies only above sted at 36.5(4). chronic) = applies only above the 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) Inorgal Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Arsenic(T) Benyllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS TVS TVS TVS TVS TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chroni Expiration Dat *chlorophyll a the facilities lis *Phosphorus(condition of the condition of the con	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Identification(s): In a control of the control of th	Physical and 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 Nitrite Phosphorus Sulfate	DM CS-II acute 6.5 - 9.0 TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150* 126 Chronic TVS 0.75 250 0.011 0.05 0.11* WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

CORGAL14A	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		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium			
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=	
Arsenic(chroni	* *	E. Coli (per 100 mL)		126	Chromium III		TVS	
Expiration Date	e of 12/31/2021				Chromium III(T)	50		
) 0 00 5(0) (1 1 1	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS	
*Uranium(acut	e) = See 36.5(3) for details.		acute	chronic	Copper	TVS	TVS	
		Ammonia	TVS	TVS	Iron		WS	
		Boron		0.75	Iron(T)		1000	
		Chloride		250	Lead	TVS	TVS	
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=	
		Cyanide	0.005		Manganese	TVS	TVS/WS	
		Nitrate	10		Mercury(T)		0.01 (t)	
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>	
		Phosphorus		0.11	Nickel	TVS	TVS	
		Sulfate		WS	Nickel(T)	=	<u>100</u>	
		Sulfide		0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS(tr)	
					Uranium	<u>varies*</u>	<u>16.8-30</u>	
					Zinc	TVS	TVS	

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 Env 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
	. ,	E. Coli (per 100 mL)		126	Chromium III		TVS
rsenic(chronic) = hybrid expiration Date of 12/31/2021				Chromium III(T)	50		
	(a) O 00 F(0) f d-t-il-	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
<u>Oranium(acut</u>	<u>e) = See 36.5(3) for details.</u>		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(II)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u>
					Zinc	TVS	TVS

	15. Mainstem of the Conejos River from a point imm	ediately above the confluence with	FOX CIEEK IO IIIE	e confluence	with the Rio San Antonio	River.	
	CORGAL15 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		
l	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
	Qualifiers:	D.O. (spawning)		7.0	Beryllium		
l	Other:	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
	Temporary Modification(s):	chlorophyll a (mg/m²)		150*	Cadmium(T)	<u>5.0</u>	=
	Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
l	Expiration Date of 12/31/2021				Chromium III(T)	50	
	*chlorophyll a (mg/m²)(chronic) = applies only above	Inorganic (mg/L)		Chromium VI	TVS	TVS
	the facilities listed at 36.5(4).		acute	chronic	Copper	TVS	TVS
	*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).	Ammonia	TVS	TVS	Iron		WS
	*Uranium(acute) = See 36.5(3) for details.	Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
l		Phosphorus		0.11*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
l					Silver	TVS	TVS(tr)
					Uranium	varies*	<u>16.8-30</u> ≜
l					Zinc	TVS	TVS
	16. Mainstem of the Conejos River from the confluer	ice with the <u>Rio</u> San Antonio River to the River to the 	o the confluence	e with the Ric	Grande.		
	CORGAL16 Classifications	Physical and Bio	logical			Metals (ug/L)	
	Designation Agriculture		DM	MWAT		acute	chronic
	Reviewable Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
l	Recreation E		acute	chronic	Arsenic	340	
	Qualifiers:	D.O. (mg/L)		5.0	Arsenic(T)		7.6
	Other:	pН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
	*Uranium(acute) = See 36.5(3) for details.	F O-1: (400 1)					
1		E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorganic (126	Chromium III Chromium III(T)	TVS 	TVS 100
	_			126			
			mg/L)		Chromium III(T)		100
		Inorganic (mg/L)	chronic	Chromium III(T) Chromium VI	TVS	100 TVS
		Inorganic (mg/L) acute TVS	chronic TVS	Chromium III(T) Chromium VI Copper	TVS TVS	100 TVS TVS
		Inorganic (Ammonia Boron	mg/L) acute TVS	chronic TVS 0.75	Chromium III(T) Chromium VI Copper Iron(T)	TVS TVS	100 TVS TVS 1000
		Inorganic (Ammonia Boron Chloride	acute TVS	chronic TVS 0.75	Chromium III(T) Chromium VI Copper Iron(T) Lead	 TVS TVS TVS	100 TVS TVS 1000 TVS
		Inorganic (Ammonia Boron Chloride Chlorine	mg/L) acute TVS 0.019	chronic TVS 0.75 0.011	Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS TVS TVS TVS	100 TVS TVS 1000 TVS 4000 <u>TVS</u>
		Inorganic (Ammonia Boron Chloride Chlorine Cyanide	mg/L) acute TVS 0.019 0.005	chronic TVS 0.75 0.011	Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS TVS TVS TVS TVS	100 TVS TVS 1000 TVS 4000TVS TVS0.01
		Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate	mg/L) acute TVS 0.019 0.005 100	chronic TVS 0.75 0.011	Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS TVS TVS	100 TVS TVS 1000 TVS 1000TVS TVS0.01 160150
		Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	mg/L) acute TVS 0.019 0.005 1000.05	chronic TVS 0.75 0.011 0.05	Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 1000 TVS 1000TVS TVS0.01 160150 TVS
		Inorganic (Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	mg/L) acute TVS 0.019 0.005 100 0.05	chronic TVS 0.75 0.011 0.05	Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 1000 TVS 4000TVS TVS0.01 460150 TVS

	ributaries and wetlands within Co	iorado, oxolading tric	specific fish	igs in segment 1.		
CORGAL17A 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	
Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:	D.O. (spawning)		7.0	Beryllium		-
Other:	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Modification(s):	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Arsenic(chronic) = hybrid	E. Coli (per 100 mL)		126	Chromium III		TVS
Expiration Date of 12/31/2021				Chromium III(T)	50	
*Uranium(acute) = See 36.5(3) for details.	Inorga	nic (mg/L)		Chromium VI	TVS	TVS
Oranium(acute) = See 30.3(3) for details.		acute	chronic	Copper	TVS	TVS
	Ammonia	TVS	TVS	Iron		WS
	Boron		0.75	Iron(T)		1000
	Chloride		250	Lead	TVS	TVS
	Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
	Cyanide	0.005		Manganese	TVS	TVS/WS
	Nitrate	10		Mercury(T)		0.01 (t)
	Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
	Phosphorus		0.11	Nickel	TVS	TVS
	Sulfate		WS	Nickel(T)	=	<u>100</u>
	Sulfide		0.002	Selenium	TVS	TVS
				Silver	TVS	TVS(tr)
				Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
				Zinc	TVS	TVS
17b. Mainstem of the Rio San Antonio from the Co	olorado/New Mexico border to Hw	vy 285.				
CORGAL17B Classifications	_,					
	Physical and	d Biological			Metals (ug/L)	
Designation Agriculture	Physical and	d Biological DM	MWAT		Metals (ug/L)	chronic
	Temperature °C		MWAT CS-II	Aluminum		chronic
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E		DM		Aluminum Arsenic	acute	chronic
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply		DM CS-II	CS-II		acute	
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E	Temperature °C	DM CS-II acute	CS-II chronic	Arsenic	acute 340	
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L)	DM CS-II acute	CS-II chronic 6.0	Arsenic Arsenic(T)	acute 340	 0.02
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers:	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-II acute 	chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium	acute	 0.02
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other:	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 Arsenic(T) Beryllium Cadmium	acute 340 TVS(tr)	 0.02 TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(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 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 TVS(tr) 5.0	 0.02 TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date 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-II acute 6.5 - 9.0	CS-II chronic 6.0 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	340 TVS(tr) 5.0	 0.02 TVS == TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = 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 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	340 TVS(tr) 5.0 50	0.02 TVS TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date 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-II acute 6.5 - 9.0 	CS-II chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI	acute 340 TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date 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-II chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga	DM	CS-II chronic 6.0 7.0 150 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS TVS WS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorga Ammonia Boron	DM	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	acute 340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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-II acute 6.5 - 9.0 nic (mg/L) acute TVS	CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS TVS TVS WS 1000 TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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-II acute 6.5 - 9.0 nic (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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 3VS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS WS
Designation Reviewable Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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-II acute 6.5 - 9.0 nic (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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150
Designation Reviewable Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS STVS 4000 TVS TVS/WS 0.01(t) 160150 TVS
Designation Reviewable Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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 Sulfate	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	acute 340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Designation Agriculture Reviewable Aq Life Cold 1 Recreation E Water Supply Qualifiers: Other: Temporary Modification(s): Arsenic(chronic) = hybrid Expiration Date of 12/31/2021	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 Sulfate	DM CS-II acute 6.5 - 9.0 nic (mg/L) acute TVS 0.019 0.005 100.05	CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	### Acute 340	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS 1000 TVS

tr = trout

8. Mainstem o	Classifications	Physical and	Biological			Metals (ug/L)	
	Agriculture	,	DM	MWAT		acute	chronic
-	Ag Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum		
	Water Supply	, , , , , , , , , , , , , , , , , , ,	acute	chronic	Arsenic	340	
	Recreation E	D.O. (mg/L)		5.0	Arsenic(T)		7.6 0.02
Qualifiers:	I	pH	6.5 - 9.0		Beryllium		
<u>Vater +</u> Fish I	Ingestion_Standards Apply	chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
J.1.101 .		,		120	Chromium III	TVS	TVS
chlorophyll a ((mg/m²)(chronic) = applies only	inorgan	ic (mg/L) acute	chronic	Chromium III(T)	<u>50</u>	100
	lities listed at 36.5(4). chronic) = applies only above the	Ammonia			Chromium VI	TVS	TVS
acilities listed	• ,	Ammonia	TVS	TVS		TVS	TVS
Uranium(acute	<u>te) = See 36.5(3) for details.</u>	Boron		0.75	Copper		
		Chloride		<u>250</u> ⁻	<u>Iron</u>	=	<u>WS</u>
		Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	100 10		<u>Lead(T)</u>	<u>50</u>	=
		Nitrite	<u>0.05</u>	0.05	Manganese	<u>TVS</u>	1000 <u>TVS/WS</u>
		Phosphorus		0.17*	Mercury(T)		0.01
		Sulfate		<u>WS</u>	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	16.8-30
					Zinc	TVS	TVS
9. Mainstem o	of the Rio Chama, including all tribut	aries and wetlands within Colorac	lo, excluding the sp	pecific listings	Zinc		<u></u>
	of the Rio Chama, including all tribut Classifications	aries and wetlands within Colorace Physical and		pecific listings	Zinc		
ORGAL19	1			pecific listings	Zinc	TVS	
ORGAL19 esignation	Classifications		Biological		Zinc	TVS Metals (ug/L)	TVS
ORGAL19 esignation eviewable	Classifications Agriculture	Physical and	Biological DM	MWAT	Zinc s in segment 1.	TVS Metals (ug/L)	TVS
orgal19 esignation eviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Zinc s in segment 1. Aluminum Arsenic	TVS Metals (ug/L) acute	TVS chronic
esignation eviewable	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	Zinc s in segment 1. Aluminum Arsenic Arsenic(T)	TVS Metals (ug/L) acute 340	TVS chronic
esignation eviewable ualifiers:	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	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium	Metals (ug/L) acute 340	chronic
esignation eviewable ualifiers:	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	MWAT CS-I chronic 6.0 7.0	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
orgal19 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)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
orgal19 esignation eviewable ualifiers:	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	Zinc s in segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) acute 340 TVS(tr) 5.0	TVS chronic 0.02 TVS TVS
orgal19 esignation eviewable ualifiers:	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	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50	TVS chronic 0.02 TVS TVS
orgal19 esignation eviewable ualifiers:	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)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS
orgal19 esignation eviewable ualifiers:	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) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS
orgal19 esignation eviewable ualifiers:	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)	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS WS
esignation eviewable ualifiers:	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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
orgal19 esignation eviewable ualifiers:	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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS WS
orgal19 esignation eviewable ualifiers:	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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
orgal19 esignation eviewable ualifiers:	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	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
orgal19 esignation eviewable ualifiers:	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	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 sin segment 1. Aluminum Arsenic Arsenic(T) Benyllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
orgal19 esignation eviewable ualifiers:	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 0.005	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS VS 1000 TVS TVS/WS
orgal19 esignation eviewable ualifiers:	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	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Zinc s in segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS -	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS SS 1000 TVS TVS/WS 0.01(#) 160150
orgal19 esignation eviewable ualifiers:	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01(#) 160150 TVS
orgal 19 esignation eviewable ualifiers:	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 0.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Benyllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(#) 160150 TVS
orgal19 esignation eviewable ualifiers:	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS S TVS TVS S 1000 TVS TVS/WS 0.01(#) 160150 TVS 1000 TVS
esignation eviewable ualifiers:	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 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc sin segment 1. Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS 460150 TVS

ORGAL20	Classifications	Physical and	Biological			Metals (ug/L)	
esignation	Agriculture		DM	MWAT		acute	chronic
eviewable	Aq Life Cold 42	Temperature °C	CS-III	CS-III	Aluminum	-	
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
ther:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVSSSE*
emnorary M	lodification(s):	chlorophyll a (mg/m²)		150	Cadmium	SSE*	==
rsenic(chron	• •	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
•	te of 12/31/2021				Chromium III		TVS
•		Inorgan	ic (mg/L)		Chromium III(T)	50	
	ute) = e^(0.9789*In(hardness)- 672-(In(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS
	ronic) = e^(0.7977*ln(hardness)- 672-(ln(hardness)*0.041838))	Ammonia	TVS	TVS	Copper	TVS	TVS
	te) = See 36.5(3) for details.	Boron		0.75	Iron		WS
,		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	<u>50</u>	<u>==</u>
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	<u>0.05</u>	0.05	Mercury(T)		0.01 (t)
		Phosphorus	<u>=</u>	0.11	Molybdenum(T)		160 150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
		Sunde		0.002	Selenium	=== TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	varies*	16.8-30
					Zinc	TVS	<u>10.0-30</u> TVS
1 All tributa	ies to the Coneins River from a noi	nt immediately above the confluence	e with Fox Creek to	the Rio Gra			170
ORGAL21	Classifications	Physical and		Tile No Ola	ande- <u>, excluding the listing</u>	Metals (ug/L)	
OITO/TEE!	Glacomounions	i nyolodi unu		5414/A T			-1
esignation	Agriculture		DM	IMWAI			cnronic
esignation	Agriculture Recreation N		DM	MWAT	Aluminum	acute	cnronic
esignation P	Recreation N				Aluminum Arsenic(T)		
P	- ·	D.O. (mg/L)	acute	chronic	Arsenic(T)		0.02-10
P ualifiers:	Recreation N	D.O. (mg/L)	acute	chronic 3.0	Arsenic(T) Beryllium(T)	 	0.02-10 4.0
P	Recreation N	pH	acute 6.5 - 9.0	chronic 3.0	Arsenic(T) Beryllium(T) Cadmium(T)	 <u>5.0</u>	0.02-10 4.0 5.0
ualifiers:	Recreation N	pH chlorophyll a (mg/m²)	acute 6.5 - 9.0	3.0 	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T)	 <u>5.0</u> 50	0.02-10 4.0 5.0
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 	chronic 3.0	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T)	 <u>5.0</u> 50	0.02-10 4.0 5.0
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL)	acute 6.5 - 9.0 ic (mg/L)	chronic 3.0 630	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T)	 <u>5.0</u> 50 50	0.02-10 4.0 5.0
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute	chronic 3.0 630 chronic	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron	 5.0 50 50	0.02-10 4.0 5.0 200 WS
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan	acute 6.5 - 9.0 ic (mg/L) acute	chronic 3.0 630 chronic	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T)	 <u>5.0</u> 50 50 	0.02-10 4.0 5.0 200 WS
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute 	chronic 3.0 630 chronic 0.75	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese	 50 50 50 50	0.02-10 4.0 5.0 200 WS
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride	acute 6.5 - 9.0 ic (mg/L) acute	chronic 3.0 630 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T)	50 50 50 50	0.02-10 4.0 5.0 200 WS WS 200
ualifiers:	Recreation N Water Supply	pH chlorophyll a (mg/m²) E. Coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	acute 6.5 - 9.0 ic (mg/L) acute	chronic 3.0 630 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T) Mercury(T)	5.0 50 50 50 50 50 50	200 WS WS 200
ualifiers:	Recreation N Water Supply	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 0.2	chronic 3.0 630 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T)	 5.0 50 50 50 	0.02-10 4.0 5.0 200 WS WS 200 2.0
ualifiers:	Recreation N Water Supply	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 0.2 10	chronic 3.0 630 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel(T)	5.0 50 50 50	0.02-10 4.0 5.0 200 WS WS 200 2.0 160150
ualifiers:	Recreation N Water Supply	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 0.2	chronic 3.0 630 chronic 0.75 250	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	5.0 50 50 50 50	0.02-10 4.0 5.0 200 WS WS 200
ualifiers:	Recreation N Water Supply	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 0.2 10	chronic 3.0 630 chronic 0.75 250 1.0	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel(T) Selenium(T) Silver(T)	50 50 50 50	0.02-10 4.0 5.0 200 WS WS 200 2.0 160150 100 20
ualifiers:	Recreation N Water Supply	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 0.2 101.0	chronic 3.0 630 chronic 0.75 250 1.0	Arsenic(T) Beryllium(T) Cadmium(T) Chromium III(T) Chromium VI(T) Copper(T) Iron Lead(T) Manganese Manganese(T) Mercury(T) Molybdenum(T) Nickel(T) Selenium(T)	5.0 50 50 50 50	0.02-10 4.0 5.0

	ries, including wetlands, to the Alamosa Classifications	Physical and		<u> </u>	-	Metals (ug/L)	
Designation	Agriculture	. nysioui anu	DM	MWAT	 	acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Aluminum		-
	Recreation E	Tomporature 0	acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Othor:		pH	6.5 - 9.0		Beryllium		100
Other:		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
*Uranium(acu	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
·				120	Chromium III(T)		100
		inorgan	ic (mg/L)	ahrania	Chromium VI	TVS	TVS
		Ammonio	acute	chronic		TVS	TVS
		Ammonia	TVS	TVS	Copper	173	1000
		Boron		0.75	Iron(T) Lead	TVS	TVS
		Chloride					
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury (T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		460 <u>150</u>
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	<u>varies*</u>	
20. AUL I		<u> </u>		1 14/11	Zinc	TVS	TVS
	classifications	Physical and		an Juan Wild	erness area.	Motols (ug/L)	
		Filysical and	DM	MWAT		Metals (ug/L)	ahvania
OW	Agriculture Aq Life Cold 1	Tomporoturo °C	CL	CL	Aluminum	acute	chronic
OVV	Recreation E	Temperature °C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0			
Qualifiers:		D.O. (spawning)		7.0	Arsenic(T)		0.02
		pH	6.5 - 9.0	7.0	Beryllium		TVS
Other:			0.5 - 9.0	8*	Cadmium (T)	TVS(tr)	
	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L) E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	== T\/0
	s larger than 25 acres surface area. chronic) = applies only to lakes and	E. Coli (per 100 IIIL)		120	Chromium III		TVS
reservoirs larg	ger than 25 acres surface area.		. , ,		Chromium III(T)	50 TVC	TV0
<u>'Uranium(acu</u> t	te) = See 36.5(3) for details.	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
				750	Lead	TVS	TVS
		Chloride		250	L = = = (T)		
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	TVCAVC
		Chlorine Cyanide	0.019 0.005	0.011	Manganese	TVS	TVS/WS
		Chlorine Cyanide Nitrate	0.019 0.005 10	0.011	Manganese Mercury(T)	TVS 	TVS/WS 0.01 (t)
		Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10 <u>0.05</u>	0.011 0.05	Manganese Mercury(T) Molybdenum(T)	TVS 	TVS/WS 0.01 (t) 160 <u>150</u>
		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10	0.011 0.05 0.025*	Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS	TVS/WS 0.01 (t) 160 <u>150</u> TVS
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u>	0.011 0.05 0.025* WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS TVS ==	TVS/WS 0.01(t) 160150 TVS 100
		Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10 <u>0.05</u>	0.011 0.05 0.025*	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS == TVS	TVS/WS 0.01(t) 160150 TVS 100 TVS
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u> 	0.011 0.05 0.025* WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS TVS === TVS TVS	TVS/WS 0.01(t) 160150 TVS 100 TVS TVS(tr)
		Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	0.019 0.005 10 <u>0.05</u> 	0.011 0.05 0.025* WS	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS == TVS	TVS/WS 0.01(t) 160150 TVS 100 TVS

24. All lakes a	nd reservoirs tributary to the Alamosa	River from the source to a point imr	nediately above	the confluen	ce with Alum Creek, ex	cluding the specific listing	gs in segment 23.
CORGAL24	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
ablaranbyll a	(ug/L)(abrania) — applies aply to lakes	chlorophyll a (ug/L)		8	Cadmium(T)	<u>5.0</u>	=
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50	
	te) = See 36.5(3) for details.	Inorganic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160<u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS
25. All lakes a	nd reservoirs tributary to La Jara Cree	k from the source to a point immedi	ately above the	confluence w	vith Hot Creek.		
CORGAL25	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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6
Other:		D.O. (spawning)		7.0	Beryllium		
*chlorophyll s	(ug/L)(chronic) - applies only to lakes	pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
and reservoirs	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	chlorophyll a (ug/L)		8*	Chromium III	TVS	TVS
*Phosphorus(o	chronic) = applies only to lakes and per than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III(T)		100
	te) = See 36.5(3) for details.				Chromium VI	TVS	TVS
		Inorganic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride			Manganese	TVS	TVS
		Chlorine	0.019	0.011	Manganese(T)		200
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160<u>150</u>
					N. 1 1		TVS
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	1 7 3
		Nitrite Phosphorus		0.025*	Selenium	TVS TVS	TVS
			<u>0.05</u>	_			
		Phosphorus	<u>0.05</u>	0.025*	Selenium	TVS	TVS

CORGAL26	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			
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02		
Qualifiers:		D.O. (spawning)		7.0	Beryllium				
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS		
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=		
	(ug/L)(chronic) = applies only to lakes slarger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS		
	chronic) = applies only to lakes and ger than 25 acres surface area.				Chromium III(T)	50			
	te) = See 36.5(3) for details.	Inorganic (mg/L)			Chromium VI	TVS	TVS		
,			acute	chronic	Copper	TVS	TVS		
		Ammonia	TVS	TVS	Iron		WS		
		Boron		0.75	Iron(T)		1000		
		Chloride		250	Lead	TVS	TVS		
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=		
		Cyanide	0.005		Manganese	TVS	TVS/WS		
		Nitrate	10		Mercury(T)		0.01 (t)		
		Nitrite	<u>0.05</u>	0.05 <u></u>	Molybdenum(T)		160 <u>150</u>		
		Phosphorus		0.025*	Nickel	TVS	TVS		
		Sulfate		WS	Nickel(T)	=	<u>100</u>		
		Sulfide		0.002	Selenium	TVS	TVS		
					Silver	TVS	TVS(tr)		
					Uranium	<u>varies*</u>	<u>16.8-30</u>		
					Zinc	TVS	TVS		

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. CORGAL27 Classifications **Physical and Biological** Metals (ug/L) Designation DM **MWAT** chronic Agriculture acute Aq Life Cold 1 Reviewable Temperature °C CL CL Aluminum Recreation E acute chronic Arsenic 340 Water Supply D.O. (mg/L) 6.0 Arsenic(T) 0.02 Qualifiers: D.O. (spawning) 7.0 Beryllium рΗ 6.5 - 9.0Other: Cadmium TVS(tr) TVS chlorophyll a (ug/L) 8* Cadmium(T) 5.0 chlorophyll a (ug/L)(chronic) = applies only to lakes E. Coli (per 100 mL) 126 Chromium III TVS and reservoirs larger than 25 acres surface area. *Phosphorus(chronic) = applies only to lakes and Chromium III(T) 50 reservoirs larger than 25 acres surface area. Chromium VI TVS TVS Inorganic (mg/L) *Uranium(acute) = See 36.5(3) for details. Copper TVS TVS acute chronic WS Ammonia TVS TVS Iron 1000 Boron 0.75 Iron(T) ---TVS Lead TVS Chloride 250 50 0.011 Lead(T) Chlorine 0.019 ---0.005 Manganese **TVS** TVS/WS Cyanide Nitrate 10 Mercury(T) 0.01(t) Molybdenum(T) 160150 Nitrite --0.05 0.05---Phosphorus 0.025* Nickel **TVS** TVS Nickel(T) 100 Sulfate WS TVS Selenium TVS Sulfide 0.002 TVS(tr) Silver **TVS** Uranium 16.8-30 ≜ varies* Zinc TVS TVS

	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
teviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
ualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	5.0	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
Phosphorus(chronic) = applies only to lakes and				Chromium III(T)	50	
_	ger than 25 acres surface area. te) = See 36.5(3) for details.	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
<u> Dramam,aca</u>	<u>tej = 000 00.0(0) 101 details.</u>		acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	==
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 150
		Phosphorus	— <u>0.00</u>	0.025*	Nickel	TVS	TVS
		Sulfate		0.023 WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
		Sunde		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	16.8-30
					Zinc	TVS	TVS
0 All lakes a	and reservoirs tributary to the Alamosa	Pivor La Jara Crook or Congion	Pivor evaluding t	ho enocific lie			170
ORGAL29	Classifications	Physical and		ne specific its		Metals (ug/L)	
esignation	Agriculture	i nyotour unu	DM	MWAT		acute	chronic
IP	Aq Life Warm 2	Temperature °C	WL	WL	Aluminum		
·1	Recreation E	Temperature 0	acute	chronic	Arsenic	340	
ualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
		pH			Beryllium		100
			65-00		Del yillulli		
Other:			6.5 - 9.0		Cadmium	T\/Q/tr\	TVC
other:	(ug/L)(chronic) = applies only to lakes	chlorophyll a (ug/L)		20*	Cadmium III	TVS(tr)	TVS
other: chlorophyll a nd reservoirs	larger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL)			Chromium III	TVS	TVS
chlorophyll a nd reservoirs Phosphorus(i eservoirs larg	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL)	 ic (mg/L)	20* 126	Chromium III Chromium III(T)	TVS 	TVS 100
other: chlorophyll a nd reservoirs Phosphorus(deservoirs large	s larger than 25 acres surface area. chronic) = applies only to lakes and	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani	 ic (mg/L) acute	20* 126 chronic	Chromium III Chromium III(T) Chromium VI	TVS TVS	TVS 100 TVS
ther: chlorophyll a nd reservoirs Phosphorus(i eservoirs larg	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	c (mg/L) acute TVS	20* 126 chronic TVS	Chromium III Chromium III(T) Chromium VI Copper	TVS TVS TVS	TVS 100 TVS TVS
ther: chlorophyll a nd reservoirs Phosphorus(i eservoirs larg	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	ic (mg/L) acute TVS	20* 126 chronic TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS TVS TVS	TVS 100 TVS TVS 1000
ther: chlorophyll a nd reservoirs Phosphorus(deservoirs large	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	 ic (mg/L) acute TVS 	20* 126 chronic TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	TVS TVS TVS TVS	TVS 100 TVS TVS 1000 TVS
ther: chlorophyll a nd reservoirs Phosphorus(i eservoirs larg	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	20* 126 chronic TVS 0.75 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS TVS TVS TVS TVS TVS TVS	TVS 100 TVS TVS 1000 TVS TVS
chlorophyll a nd reservoirs Phosphorus(i eservoirs larg	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	20* 126 chronic TVS 0.75 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS TVS TVS TVS TVS TVS	TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01
other: chlorophyll a nd reservoirs Phosphorus(deservoirs large	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019 0.005	20* 126 chronic TVS 0.75 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS TVS TVS	TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01 160150
other: chlorophyll a nd reservoirs Phosphorus(deservoirs large	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 1000.05	20* 126 chronic TVS 0.75 0.011 0.05	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01 160150 TVS
other: chlorophyll a nd reservoirs Phosphorus(deservoirs large	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005	20* 126 chronic TVS 0.75 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS	TVS 100 TVS 1000 TVS 1000 TVS 0.01 160150 TVS TVS
other: chlorophyll a nd reservoirs Phosphorus(i eservoirs larg	larger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 1000.05	20* 126 chronic TVS 0.75 0.011 0.05	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01 160150 TVS

30. Plate	oro Reservoir.						
CORGA	L30 Classifications	Physical and Biolo	ogical			Metals (ug/L)	
Designa	Agriculture		DM	MWAT		acute	chronic
Reviewa	able Aq Life Cold 1	Temperature °C	CLL	CLL	Aluminum	_	_
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifie	ers:	D.O. (spawning)		7.0	Beryllium		-
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	ohyll a (ug/L)(chronic) = applies only to lakes ervoirs larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	norus(chronic) = applies only to lakes and rs larger than 25 acres surface area.				Chromium III(T)	50	
	m(acute) = See 36.5(3) for details.	Inorganic (m	g/L)		Chromium VI	TVS	TVS
-			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	==
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
'					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
<u> </u>					Zinc	TVS	TVS

1. All tributarie	es to the Closed Basin, including	an tronando, manin ino za Gama Triia	311100071100.				
CORGCB01	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	_
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==
*Uranium(acu	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	c (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	<u>=</u>
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160150
			<u>0.03</u>	_	Nickel	TVS	TVS
		Phosphorus		0.11	Nickel(T)		
		Sulfate		WS	Selenium	≡ TVS	<u>100</u> TVS
		Sulfide		0.002			
					Silver	TVS	TVS(tr)
							A
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Uranium Zinc	<u>varies*</u> TVS	<u>16.8-30</u> ≜ TVS
		tributaries and wetlands, from the sour			Zinc the confluence with Ge	TVS	TVS
South Forks o	of Carnero Creek, including all trib	outaries and wetlands, from their source	es to their confluer		Zinc the confluence with Ge	TVS eronimo Creek. The Nort n of Carnero Creek.	TVS
South Forks o	of Carnero Creek, including all trib		es to their confluer Biological	nces at the in	Zinc the confluence with Ge	TVS eronimo Creek. The Nort n of Carnero Creek. Metals (ug/L)	TVS n, Middle, and
South Forks on CORGCB02A Designation	of Carnero Creek, including all trib Classifications Agriculture	putaries and wetlands, from their source Physical and	es to their confluer Biological DM	MWAT	Zinc the confluence with Geception of the mainstern	TVS eronimo Creek. The Nort n of Carnero Creek. Metals (ug/L) acute	TVS
South Forks o	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1	outaries and wetlands, from their source	es to their confluer Biological DM CS-I	MWAT CS-I	Zinc the confluence with Geception of the mainstern Aluminum	TVS eronimo Creek. The Nort n of Carnero Creek. Metals (ug/L) acute	TVS h, Middle, and chronic
South Forks on CORGCB02A Designation	of Carnero Creek, including all trib Classifications Agriculture	Physical and Temperature °C	es to their confluer Biological DM CS-I acute	MWAT CS-I chronic	Zinc the confluence with Geception of the mainstern Aluminum Arsenic	TVS eronimo Creek. The Nort n of Carnero Creek. Metals (ug/L) acute 340	n, Middle, and chronic
South Forks on CORGCB02A Designation	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	es to their confluer Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T)	TVS eronimo Creek. The Nort n of Carnero Creek. Metals (ug/L) acute 340	th, Middle, and chronic 0.02
South Forks of CORGCB02A Designation Reviewable Qualifiers:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	es to their confluer Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc the confluence with Geception of the mainsten Aluminum Arsenic Arsenic(T) Beryllium	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340	th, Middle, and chronic
South Forks of CORGCB02A Designation Reviewable	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	es to their confluer Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr)	th, Middle, and chronic 0.02 TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	es to their confluer Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	TVS eronimo Creek. The Norte of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0	th, Middle, and chronic 0.02 TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	es to their confluer Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III	TVS eronimo Creek. The Norte of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0	th, Middle, and chronic 0.02 TVS TVS TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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)	es to their confluer Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50	th, Middle, and chronic 0.02 TVS TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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)	es to their confluer Biological DM CS-I acute 6.5 - 9.0 cc (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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)	es to their confluer 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 the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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) Inorgan Ammonia	es to their confluer Biological DM CS-I acute 6.5 - 9.0 cc (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Benyllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS eronimo Creek. The Norte of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS TVS WS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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) Inorgan Ammonia Boron	es to their confluer Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS TVS WS 1000
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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) Inorgan Ammonia Boron Chloride	es to their confluer 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	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS TVS WS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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) Inorgan Ammonia Boron	es to their confluer 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 I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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) Inorgan Ammonia Boron Chloride	es to their confluer 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	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS n, Middle, and chronic 0.02 TVS TVS TVS WS 1000 TVS TVS TVS TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture 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) Inorgan Ammonia Boron Chloride Chlorine	es to their confluer 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 I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS WS 1000 TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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	es to their confluer 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 Ithe confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	TVS n, Middle, and chronic 0.02 TVS TVS TVS WS 1000 TVS TVS TVS TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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	es to their confluer 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 I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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	es to their confluer Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Zinc Ithe confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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 Nitrite Phosphorus	es to their confluer Biological DM CS-I acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	TVS h, Middle, and chronic 0.02 TVS TVS/WS 0.01(t) 160150 TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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	es to their confluer Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS
South Forks of CORGCB02A Designation Reviewable Qualifiers: Other:	of Carnero Creek, including all trib Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	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	es to their confluer Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11 WS	Zinc I the confluence with Geception of the mainstern Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS eronimo Creek. The North of Carnero Creek. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS h, Middle, and chronic 0.02 TVS TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01(#) 160150 TVS 1000 TVS

tr = trout

D.O. = dissolved oxygen

CORGCB02B	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	=
Uranium(acut	e) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

CORGCB02C	Classifications	Physi	cal and Biolog	jical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	13 <u>varies*</u>	9varies*	Aluminum	_	
	Recreation E	Temperature °C	4/1 - 10/31	26.5	20	Arsenic	340	
	Water Supply					Arsenic(T)		0.02
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			6.0	Cadmium	TVS(tr)	TVS
		D.O. (spawning)			7.0	Cadmium(T)	<u>5.0</u>	=
,	e) = See 36.5(3) for details.	pH		6.5 - 9.0		Chromium III		TVS
*Temperature DM and MWA	≣ T=CS-II from 11/1-3/31	chlorophyll a (mg/m²)			150	Chromium III(T)	50	
DM=26.5 and	MWAT=20 from 4/1-10/31	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
						Copper	TVS	TVS
			Inorganic (mg	/L)		Iron		WS
				acute	chronic	Iron(T)		1000
		Ammonia		TVS	TVS	Lead	TVS	TVS
		Boron			0.75	Lead(T)	<u>50</u>	=
		Chloride			250	Manganese	TVS	TVS/WS
		Chlorine		0.019	0.011	Mercury(T)		0.01 (t)
		Cyanide		0.005		Molybdenum(T)		160 <u>150</u>
		Nitrate		10		Nickel	TVS	TVS
		Nitrite		<u>0.05</u>	0.05 <u></u>	Nickel(T)	=	<u>100</u>
		Phosphorus			0.11	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	<u>varies*</u>	<u>16.8-30</u>
						Zinc	TVS	TVS

3. All tributarie	es to the Closed Basin excluding the	istings in segments 1, 2a, 2b, 2c,	and 4 through 13.				
CORGCB03	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
ualifiers:		pН	6.5 - 9.0		Beryllium	_	
ther:		chlorophyll a (mg/m²)		150 <u>*</u>	Cadmium	TVS	TVS
emporary M	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
rsenic(chron	* *	Inorgan	ic (mg/L)		Chromium III		TVS
xpiration Dat	e of 12/31/2021		acute	chronic	Chromium III(T)	50	
chlorophyll a	(mg/m²)(chronic) = applies only abov	Ammonia	TVS	TVS	Chromium VI	TVS	TVS
he facilities lis	sted at 36.5(4).	Boron		0.75	Copper	TVS	TVS
Phosphorus(acilities listed	chronic) = applies only above the at 36.5(4).	Chloride		250	Iron		WS
Uranium(acu	te) = See 36.5(3) for details.	Chlorine	0.019	0.011	Iron(T)		1000
		Cyanide	0.005		Lead	TVS	TVS
		Nitrate	10		Lead(T)	<u>50</u>	=
		Nitrite	<u>0.05</u>	0.05	Manganese	TVS	TVS/WS
		Phosphorus		0.17*	Mercury(T)		0.01 (t)
		Sulfate		WS	Molybdenum(T)		160 <u>150</u>
		Sulfide		0.002	Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS
	of San Luis Creek, including all tributa la _s and 9b. Garner Creek, including a					Creek, excluding the s	pecific listings
CORGCB04	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		ablaranhull a (mar/m²)		150	0		

chlorophyll a (mg/m²) 150 Cadmium(T) 5.0 Temporary Modification(s): E. Coli (per 100 mL) Chromium III 126 TVS Arsenic(chronic) = hybrid Chromium III(T) 50 Expiration Date of 12/31/2021 Chromium VI TVS TVS Inorganic (mg/L) *Uranium(acute) = See 36.5(3) for details. Copper TVS TVS acute chronic TVS TVS Iron WS Ammonia Iron(T) 1000 0.75 Boron ---TVS Chloride 250 Lead TVS Chlorine 0.019 0.011 Lead(T) 50 TVS TVS/WS Manganese Cyanide 0.005 0.01(t) Nitrate 10 Mercury(T) 160<u>150</u> Molybdenum(T) Nitrite 0.05___ <u>---0.05</u> TVS Nickel TVS Phosphorus 0.11 ---Nickel(T) 100 Sulfate WS 0.002 Selenium TVS TVS Sulfide Silver TVS TVS(tr)

tr = trout

Uranium

Zinc

varies*

TVS

<u>16.8-30</u> ≜

TVS

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	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Beryllium		_
		рН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
*Uranium(acu	te) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III(T)		100
					Chromium VI	TVS	TVS
		Inorgani	c (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01 (t)
		Chlorine	0.019	0.011	Molybdenum(T)		160 <u>150</u>
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Silver	TVS	TVS(tr)
		Phosphorus		0.11	Uranium	<u>varies*</u>	
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
6. Deleted.							
CORGCB06	Classifications	Physical and				Metals (ug/L)	
Designation	_		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:					-		
		Inorgani			1		
			acute	chronic			

	of South Crestone from a point just beliek from its source at the confluence of				37) to its confluence with C	Crestone Creek. Main	stem of
CORGCB06	<u>Classifications</u>	Physical and			1	Metals (ug/L)	
Designation	<u>Agriculture</u>		<u>DM</u>	MWAT		<u>acute</u>	chronic
<u>Reviewable</u>	Aq Life Warm 1	Temperature °C	WS-II	WS-II	<u>Aluminum</u>	=	=
	Recreation E		<u>acute</u>	chronic	<u>Arsenic</u>	<u>340</u>	=
Qualifiers:		D.O. (mg/L)	=	<u>5.0</u>	Arsenic(T)	=	<u>7.6</u>
Other:		<u>pH</u>	<u>6.5 - 9.0</u>	= =	<u>Beryllium</u>	=	=
Temporary M	lodification(s):	chlorophyll a (mg/m²)	=	<u>150*</u>	<u>Cadmium</u>	TVS	TVS
rsenic(chron		E. Coli (per 100 mL)	<u>=</u>	<u>126</u>	Chromium III	<u>TVS</u>	<u>TVS</u>
xpiration Dat	te of 12/31/2021	<u>Inorgan</u>	ic (mg/L)		Chromium III(T)	=	<u>100</u>
- البرطوموسواطو	(ma/m²)(abrania) applias artists		<u>acute</u>	chronic	Chromium VI	TVS	<u>TVS</u>
he facilities lis	(mg/m ²)(chronic) = applies only above sted at 36.5(4).	<u>Ammonia</u>	<u>TVS</u>	<u>TVS</u>	<u>Copper</u>	TVS	<u>TVS</u>
Phosphorus(eacilities listed	chronic) = applies only above the	<u>Boron</u>	= *	<u>0.75</u>	<u>Iron(T)</u>	=	<u>1000</u>
	te) = See 36.5(3) for details.	<u>Chloride</u>	=⁼	= *	<u>Lead</u>	<u>TVS</u>	<u>TVS</u>
		Chlorine	<u>0.019</u>	0.011	<u>Manganese</u>	TVS	<u>TVS</u>
		<u>Cyanide</u>	<u>0.005</u>	= *	Mercury(T)	=	<u>0.01</u>
		<u>Nitrate</u>	<u>100</u>	= =	Molybdenum(T)	=	<u>150</u>
		<u>Nitrite</u>	<u>0.05</u>	= *	<u>Nickel</u>	TVS	<u>TVS</u>
		<u>Phosphorus</u>	= *	<u>0.17*</u>	Selenium	TVS	<u>TVS</u>
		<u>Sulfate</u>	= ⁼	= =	Silver	TVS	<u>TVS</u>
		<u>Sulfide</u>	= =	0.002	<u>Uranium</u>	<u>varies*</u>	=
					Zinc	<u>TVS</u>	TVS
7. Deleted.							
CORGCB07	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	 -		DM	MWAT		acute	chronic
Qualifiers:			acute	chronic			
Other:							
		Inorgani	ic (mg/L)				

8. Mainstem of Kerber Creek, including all tributaries and wetlands, from the source to a point immediately above the Cocomongo Mill site. Mainstem of Squirrel Creek from the source to immediately above Bear Creek, Brewery Creek from the source to Kerber Creek, and the mainstem of Elkhorn Gulch from the source to Kerber Creek CORGCB08 Classifications Physical and Biological Metals (ug/L) Designation DM **MWAT** Agriculture acute chronic Reviewable Aq Life Cold 1 Temperature °C CS-I CS-I Aluminum Recreation E acute chronic Arsenic 340 Qualifiers: D.O. (mg/L) 6.0 Arsenic(T) 7.6 D.O. (spawning) Other: 7.0 Beryllium 6.5 - 9.0 TVSSSE* рΗ TVS(tr)___ ---Cadmium Cadmium(acute) = e^(0.9789*ln(hardness)chlorophyll a (mg/m²) 150 Cadmium SSE* 3.866)*(1.136672-(In(hardness)*0.041838)) Cadmium(chronic) = e^(0.7977*ln(hardness)-E. Coli (per 100 mL) 126 Chromium III TVS TVS 3.909)*(1.101672-(ln(hardness)*0.041838)) Chromium III(T) 100 *Uranium(acute) = See 36.5(3) for details. Chromium VI TVS TVS Inorganic (mg/L) Copper TVS TVS acute chronic TVS TVS Iron(T) 1000 Ammonia **TVS** TVS Boron 0.75 Lead TVS Chloride Manganese TVS 0.01(t) 0.019 Mercury(T) Chlorine 0.011 ---Molybdenum(T) 0.005 160150 Cyanide Nitrate 100 Nickel TVS TVS Selenium TVS TVS Nitrite <u>---0.05</u> 0.05---Silver **TVS** TVS(tr) Phosphorus 0.11 Uranium Sulfate varies* TVS Zinc TVS Sulfide 0.002

CORGCB09A	Classifications	Physical and E	Biological		Me	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Recreation E				Aluminum		
	Water Supply		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		3.0	Arsenic(T)		0.02-10
Soal Qualifie	r for Agriculture and Water Supply	pН	6.5 - 9.0		Beryllium		
ther:		chlorophyll a (mg/m²)		150	Cadmium		
		E. Coli (per 100 mL)		126	Cadmium(T)	5.0	
Uranium(acu	te) = See 36.5(3) for details.	Inorgani	c (mg/L)		Chromium III		
			acute	chronic	Chromium III(T)	50	
		Ammonia			Chromium VI		
		Boron		0.75	Chromium VI(T)	50	
		Chloride		250	Copper		
		Chlorine			Copper(T)		1000
		Cyanide			Iron		WS
		Nitrate	10		Lead		
		Nitrite	<u>1.0</u>	1.0<u></u>	Lead(T)	50	
		Phosphorus			Manganese		WS
		Sulfate		WS	Mercury(T)	<u>2.0</u>	2.0(t)
		Sulfide		0.002	Molybdenum(T)		160 <u>150</u>
					Nickel		
					Selenium Nickel(T)		<u>100</u>
					Selenium(T)		20
					Silver		
					Silver(T)		50
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc		
					Zinc(T)		5000

CORGCB09B	Classifications	Physical and	Biological		į į	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Goal Qualifier	r for Agriculture and Water Supply	рН	6.5 - 9.0		Cadmium		SSE*
Other:		chlorophyll a (mg/m²)		150	Cadmium	SSE*	
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni	* *				Chromium III		TVS
•	e of 12/31/2021	Inorgan	ic (mg/L)		Chromium III(T)	50	
(O = d==)= (acute	chronic	Chromium VI	TVS	TVS
-	ute) = $e^{(0.7852ln[hard]-1.545)}$ conic) = $e^{(0.7852ln[hard]-2.906)}$	Ammonia	TVS	TVS	Copper		SSE*
,	$e) = e^{(0.8889)\ln[hard] + 0.53}$	Boron		0.75	Copper	SSE*	TVS
	$e^{(0.8889)}$ [hard]-1.519)	Chloride		250	Copper	<u>=</u>	SSE*
	te) = See 36.5(3) for details.	Chlorine	0.019	0.011	Copper	TVS	
•	e^(0.8179ln[hard]+3.757)	Cyanide	0.005		Iron		300
Zinc(chronic)	= e^(0.8179ln[hard]+2.907)	Nitrate	10		Iron(T)		1000
		Nitrite	<u>0.05</u>	0.05	Lead	TVS	TVS
		Phosphorus		0.11	Lead(T)	<u>50</u>	=
		Sulfate		WS	Manganese	TVS	TVS/WS
		Sulfide		0.002	Mercury (T)		0.01 (t)
					Molybdenum(T)		160 <u>150</u>
					Nickel	TVS	TVS
					Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc		SSE*
					Zinc	SSE*	TVS
					Zinc	=	SSE*
					Zinc	TVS	

to the mouth.	Classifications	Physical and	Biological			Metals (ug/L)	
Designation		1 Hydrour unu	DM	MWAT		acute	chronic
)W	Ag Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum		
,,,	Recreation E	Temperature C	acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0		340	
Qualifiers:		D.O. (spawning)		7.0	Arsenic(T)		0.02
					Beryllium		T. (0
Other:		pH	6.5 - 9.0	450	Cadmium	TVS(tr)	TVS
Uranium/acu	ute) = See 36.5(3) for details.	chlorophyll a (mg/m²)		150	Cadmium(T)	<u>5.0</u>	==
<u>Oramam,aoc</u>	<u> </u>	E. Coli (per 100 mL)		126	Chromium III		TVS
					Chromium III(T)	50	
		Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	<u>Lead(T)</u>	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury (T)		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		210
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
				****	Silver	TVS	TVS(tr)
					Uranium	varies*	16.8-30 ⁴
					Zinc	TVS	TVS
					Ziilo	170	110
11. All tributa	ries to the Closed Basin within the	Rio Grande National Forest boundar	ies except<u>excludin</u>g	g the listings	<u>in</u> segments 1, 2a, 2b, 2c,	4, 9a, 9b, 10, 12a _± an	d-12b <u>and 12c</u>
CORGCB11	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT			-1
Reviewable						acute	chronic
	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Aluminum	acute	cnronic
	Recreation E	Temperature °C		CS-I chronic	Aluminum Arsenic	acute 340	cnronic
		Temperature °C D.O. (mg/L)	CS-I				_
	Recreation E		CS-I acute	chronic	Arsenic	340	
Qualifiers: Other:	Recreation E	D.O. (mg/L)	CS-I acute	chronic 6.0	Arsenic Arsenic(T)	340 	0.02
Qualifiers: Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	CS-I acute 	6.0 7.0	Arsenic Arsenic(T) Beryllium	340	0.02 TVS
Qualifiers: Other: Femporary M	Recreation E Water Supply Modification(s):	D.O. (mg/L) D.O. (spawning) pH	CS-I acute 6.5 - 9.0	6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	340 TVS(tr)	0.02
Qualifiers: Other: Temporary Marsenic(chrores)	Recreation E Water Supply Modification(s): nic) = hybrid	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	CS-I acute 6.5 - 9.0	6.0 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T)	340 TVS(tr) <u>5.0</u>	0.02 TVS
Qualifiers: Other: -emporary Marsenic(chrore	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 	6.0 7.0 150	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS(tr) 5.0 50	0.02 TVS TVS
Qualifiers: Other: emporary Marsenic(chrorexpiration Da	Recreation E Water Supply Modification(s): nic) = 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 	6.0 7.0 150 126	Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS(tr) 5.0 TVS	0.02 TVS TVS TVS
Qualifiers: Other: emporary Marsenic(chrorexpiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS(tr) 5.0 50	0.02 TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chrores; Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
Qualifiers: Other: emporary Marsenic(chrorexpiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Benyllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS WS 1000
Qualifiers: Other: Temporary Marsenic(chrores; Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS(tr) 5.0 50 TVS TVS TVS TVS	TVS
Qualifiers: Other: emporary Marsenic(chrorexpiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 340 TVS(tr) 5.0 50 TVS TVS TVS 50	TVS TVS TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: Temporary Marsenic(chrores; Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS
Qualifiers: Other: Temporary Marsenic(chrores; Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(+)
Qualifiers: Other: Temporary Marsenic(chroric) Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	0.02 TVS TVS TVS TVS TVS TVS US 1000 TVS TVS US 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 1000
Qualifiers: Other: Temporary Marsenic(chroric) Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	340 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(#)
Qualifiers: Other: Temporary Marsenic(chrores; Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	0.02 TVS TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01(t) 160150 TVS
Qualifiers: Other: Temporary Marsenic(chroric) Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	0.02 TVS TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01(#) 160150 TVS
Qualifiers: Other: Temporary Marsenic(chroric) Expiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	0.02 TVS TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01(#) 160150 TVS
Qualifiers: Other: emporary Marsenic(chrorexpiration Da	Recreation E Water Supply Modification(s): nic) = hybrid ste of 12/31/2021	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 0.005 100.05	chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.11 WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	340 340 TVS(tr) 5_0 50 TVS TVS TVS 5_0 TVS TVS 5_0 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS

tr = trout

D.O. = dissolved oxygen

ORGCB12A	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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVSSSE*
emporary M	lodification(s):	chlorophyll a (mg/m²)		150	<u>Cadmium</u>	SSE*	=
	,	E. Coli (per 100 mL)		126	Cadmium(T)	<u>5.0</u>	=
xpiration Dat	te of 12/31/2021				Chromium III		TVS
Cadmium(ac	ute) - e\\0.9789*ln/hardness\-	Inorgan	ic (mg/L)		Chromium III(T)	50	
.866)*(1.136	672-(ln(hardness)*0.041838))		acute	chronic	Chromium VI	TVS	TVS
	corary Modification(s): ic(chronic) = hybrid ition Date of 12/31/2021 nium(acute) = e^(0.9789*ln(hardness)- *(1.136672-(ln(hardness)*0.041838)) nium(chronic) = e^(0.7977*ln(hardness)- *(1.101672-(ln(hardness)*0.041838)) um(acute) = See 36.5(3) for details.	Ammonia	TVS	TVS	Copper	TVS	TVS
Uranium(acu	Water Supply iers: prary Modification(s): c(chronic) = hybrid tion Date of 12/31/2021 nium(acute) = e^(0.9789*ln(hardness)- *(1.136672-(ln(hardness)*0.041838)) iilum(chronic) = e^(0.7977*ln(hardness)- *(1.101672-(ln(hardness)*0.041838))	Boron		0.75	Iron		WS
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Lead(T)	<u>50</u>	=
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite	<u>0.05</u>	0.05	Mercury <u>(T)</u>		0.01 (t)
		Phosphorus		0.11	Molybdenum(T)		160 <u>150</u>
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)	=	<u>100</u>
					Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

12b. Mainstern	n of Saguache Cree	ek from a point just	below the confluence of Fourmile	Creek to a point ju	ist below the	confluence with Ford C	reek.	
	Classifications	, ,	Physical and B				Metals (ug/L)	
Designation	Agriculture			<u>DM</u>	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C	<u>CS-II</u>	<u>varies*</u> €	<u>Aluminum</u>	=	=
	Recreation E			acute	chronic	Arsenic	<u>340</u>	==
	Water Supply		D.O. (mg/L)	=	<u>6.0</u>	Arsenic(T)	<u></u>	0.02
Qualifiers:			D.O. (spawning)	=	<u>7.0</u>	<u>Beryllium</u>	=	=
Other:			<u>Н</u>	<u>6.5 - 9.0</u>	= =	<u>Cadmium</u>	TVS(tr)	TVS
Temporary Mo	odification(s):		chlorophyll a (mg/m²)	<u>=</u>	<u>150</u>	Cadmium(T)	<u>5.0</u>	=
Arsenic(chroni			E. Coli (per 100 mL)	=	<u>126</u>	Chromium III		TVS
	e of 12/31/2021					Chromium III(T)	<u></u>	=
			Inorganic	(ma/L)		Chromium VI	TVS	TVS
	te) = See 36.5(3) fo	or details.		acute	chronic	Copper	TVS	TVS
	from 11/1-3/31		Ammonia	TVS	TVS	Iron	<u></u>	WS
MWAT=18.6 fr	rom 4/1-10/31 ure assessment loc	eations at 36 6(4)	Boron	======================================	0.75	Iron(T)	=====================================	<u>1000</u>
See temperatu	ure assessment loc	<u>zations at 50.0(4).</u>	<u>Chloride</u>	=	<u>250</u>	Lead	<u> </u>	TVS
			Chlorine	<u>0.019</u>	0.011	Lead(T)	<u>50</u>	
			<u>Cyanide</u>	0.005	====	Manganese	IVS	TVS/WS
			Nitrate	<u>0.000</u> 10	===	Mercurv(T)	======================================	0.01
			Nitrite	0.05	===	Molybdenum(T)	=	<u>150</u>
			Phosphorus		<u>0.11</u>	Nickel	TVS	TVS
			Sulfate	= :	<u>0.11</u> WS	Nickel(T)		100
			Sulfide	= *	0.002	Selenium	≕ TVS	TVS
			Sullide	==	<u>0.002</u>	Silver	TVS	TVS(tr)
						<u>Uranium</u>	varies*	16.8-30 ≜
							valles	
40h40 - Maire	-t	O		-:		Zinc	TVS	TVS
			tributaries and wetlands, from a p	-	confluence v	Zinc	<u>TVS</u> 285.	
CORGCB12B	CORGCB12C Clas	ssifications	tributaries and wetlands, from a p	Biological		Zinc	TVS 285. Metals (ug/L)	TVS
CORGCB12B Designation	CORGCB12C Clase	ssifications iculture	Physical and	Biological DM	MWAT	Zinc with Ford Creek to Hwy	<u>TVS</u> 285.	TVS
CORGCB12B	CORGCB12C Clase Agri	ssifications		Biological DM CS-II	MWAT CS-II	Zinc with Ford Creek to Hwy Aluminum	285. Metals (ug/L) acute	TVS chronic
CORGCB12B Designation	CORGCB12C Class Agri Aq I Rec	ssifications iculture Life Cold 1	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	with Ford Creek to Hwy Aluminum Arsenic	285. Metals (ug/L) acute 340	chronic
CORGCB12B Designation	CORGCB12C Class Agri Aq I Rec	ssifications iculture Life Cold 1 creation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Zinc with Ford Creek to Hwy Aluminum Arsenic Arsenic(T)	285. Metals (ug/L) acute 340	TVS chronic
CORGCB12B Designation Reviewable Qualifiers:	CORGCB12C Class Agri Aq I Rec	ssifications iculture Life Cold 1 creation 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	with Ford Creek to Hwy Aluminum Arsenic Arsenic(T) Beryllium	285. Metals (ug/L) acute 340	chronic 0.02
CORGCB12B Designation Reviewable Qualifiers: Other:	CORGCB12C Class Agri Aq I Rec Wat	ssifications iculture Life Cold 1 creation E	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 Arsenic(T) Beryllium Cadmium	285. Metals (ug/L) acute 340 TVS(tr)	chronic 0.02 TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary Me	CORGCB12C Class Agri Aq I Rec Wat odification(s):	ssifications iculture Life Cold 1 creation 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	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T)	285. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid	ssifications iculture Life Cold 1 creation E	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 Arsenic(T) Beryllium Cadmium(T) Chromium III	285. Metals (ug/L) acute 340 TVS(tr) 5.0	chronic 0.02 TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary Mo Arsenic(chroni	CORGCB12C Class Agri Aq I Rec Wat odification(s):	ssifications iculture Life Cold 1 creation 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	MWAT CS-II chronic 6.0 7.0 150	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T)	285. Metals (ug/L) acute 340 TVS(tr) 5.0 50	chronic 0.02 TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid	ssifications iculture Life Cold 1 creation E ter 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 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI	285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS	thronic 0.02 TVS TVS TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	285. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter Supply	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	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS	with Ford Creek to Hwy Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS WS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-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	with Ford Creek to Hwy Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS WS 1000
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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	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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS 50	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TV
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-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	with Ford Creek to Hwy Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-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 0.05	with Ford Creek to Hwy Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-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 Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS 460150 TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS 4000 TVS TVS/WS 0.01(t) 160150 TVS 1000
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10 0.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 50 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS 460150 TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
CORGCB12B Designation Reviewable Qualifiers: Other: Temporary MacArsenic(chronie) Expiration Date	CORGCB12C Class Agri Aq I Rec Wat odification(s): ic) = hybrid te of 12/31/2021	ssifications iculture Life Cold 1 creation E ter 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-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100.05	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	Aluminum Arsenic Arsenic(T) Beryllium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 285. Metals (ug/L) acute 340 TVS(tr) 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS chronic 0.02 TVS TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(#) 160150 TVS 1000 TVS

tr = trout

13. Mainstem of Saguache Creek from Hwy 285 to the confluence with San Luis Creek. Mainstem of RusselRussell Creek-from its source at Russell Springs to the confluence with <u>a Garita Creek.</u> Mainstem of Cottonwood Creek downstream of the Rio Grande National Forest Boundary. Classifications Physical and Biological Metals (ug/L) Designation **MWAT** chronic Agriculture acute Temperature °C UP Aq Life Warm 2 WS-II WS-II **Aluminum** Recreation E acute chronic Arsenic 340 Water Supply 0.02-10 A D.O. (mg/L) 5.0 Arsenic(T) Qualifiers: рН 6.5 - 9.0Bervllium Water + Fish Standards Apply chlorophyll a (mg/m²) Cadmium 150 **TVS** TVS Other: E. Coli (per 100 mL) 126 Cadmium(T) 5.0 Chromium III TVS Inorganic (mg/L) *Uranium(acute) = See 36.5(3) for details. Chromium III(T) 50 chronic acute Chromium VI TVS TVS Ammonia **TVS TVS** Copper TVS TVS Boron 0.75 WS Chloride 250 Iron 1000 Chlorine 0.019 0.011 Iron(T) ---TVS Lead TVS Cyanide 0.005 Lead(T) 50 Nitrate 10 ------TVS/WS Manganese **TVS** Nitrite <u>---0.5</u> 0.5___ Phosphorus 0.17 Mercury(T) 0.01(t) ---Molybdenum(T) 160150 Sulfate WS Sulfide 0.002 Nickel **TVS** TVS Nickel(T) 100 Selenium TVS TVS TVS **TVS** Silver Uranium 16.8-30 [≜] varies* Zinc TVS TVS

CORGCB14	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	340	
Qualifiers:	·	D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
Uranium(acu	te) = See 36.5(3) for details.	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
		Inorgani	c (mg/L)		Chromium III(T)		100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury(T)		0.01 (t)
		Nitrate	100		Molybdenum(T)		160 150
		Nitrite	<u>0.05</u>	0.05	Nickel	TVS	TVS
		Phosphorus			Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	
					Zinc	TVS	TVS
15. All lakes a	and reservoirs tributary to the Closed Ba	asin, and within the La Garita Wil	derness Area.				
CORGCB15	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	T 00					
	/14 Elic Gold 1	Temperature °C	CL	CL	Aluminum	_	-
	Recreation E	Temperature *C	CL acute	CL	Aluminum Arsenic	340	
	· ·	D.O. (mg/L)				340	0.02
Qualifiers:	Recreation E	·	acute	chronic	Arsenic		
	Recreation E	D.O. (mg/L)	acute	chronic 6.0	Arsenic Arsenic(T)		
Other:	Recreation E Water Supply	D.O. (mg/L) D.O. (spawning)	acute 	6.0 7.0	Arsenic Arsenic(T) Beryllium		0.02
Other: chlorophyll a and reservoirs	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	acute 6.5 - 9.0	6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium	 TVS(tr)	0.02 — TVS
Other: chlorophyll a and reservoirs Phosphorus(Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger 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 Arsenic(T) Beryllium Cadmium Cadmium(T)	 TVS(tr) <u>5.0</u>	0.02 TVS ==
and reservoirs Phosphorus(eservoirs larg	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)	acute 6.5 - 9.0 	6.0 7.0 8*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III	 TVS(tr) <u>5.0</u> 	0.02 TVS TVS
Other: chlorophyll a and reservoirs Phosphorus(reservoirs large	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger 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 Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS(tr) <u>5.0</u> 50	0.02 TVS TVS TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger 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 	chronic 6.0 7.0 8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS(tr) 5.0 50 TVS	0.02 TVS TVS TVS TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger 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 c (mg/L) acute	chronic 6.0 7.0 8* 126	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia	acute 6.5 - 9.0 c (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS(tr) 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron	acute 6.5 - 9.0 c (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	TVS(tr) 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride	acute 6.5 - 9.0 c (mg/L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	TVS(tr) 5.0 50 TVS TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) 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 8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS TVS TVS TVS STVS TVS TVS TVS TV
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS	0.02 TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) 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 8* 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t)
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS TVS TVS 4000 TVS TVS TVS 460150
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025*	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS TVS 1000 TVS TVS/WS 0.01(t) 160150 TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01(+) 160150 TVS
Other: chlorophyll a and reservoirs Phosphorus(eservoirs larg	Recreation E Water Supply (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and ger than 25 acres surface area.	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	acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005 100.05	chronic 6.0 7.0 8* 126 chronic TVS 0.75 250 0.011 0.05 0.025* WS	Arsenic Arsenic(T) Beryllium Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS(tr) 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01(t) 160150 TVS

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 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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
	chronic) = applies only to lakes and er than 25 acres surface area.				Chromium III(T)	50	
	te) = See 36.5(3) for details.	Inorganic	(mg/L)		Chromium VI	TVS	TVS
,			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u>
					Zinc	TVS	TVS

	nd reservoirs within the Closed Basin a	and within the Rio Grande National Fo	orest boundari	es, excludino	g the specific listings in se	egments 15 and 16.	
CORGCB17	Classifications	Physical and Biolo	ogical				
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Aluminum		
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium	_	_
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
		chlorophyll a (ug/L)		8*	Cadmium(T)	<u>5.0</u>	=
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. Coli (per 100 mL)		126	Chromium III		TVS
*Phosphorus(d	chronic) = applies only to lakes and				Chromium III(T)	50	
	er than 25 acres surface area. e) = See 36.5(3) for details.	Inorganic (mg/L)			Chromium VI	TVS	TVS
			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	<u>50</u>	=
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury <u>(T)</u>		0.01 (t)
		Nitrite	<u>0.05</u>	0.05	Molybdenum(T)		160 <u>150</u>
		Phosphorus		0.025*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)	=	<u>100</u>
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS(tr)
					Uranium	<u>varies*</u>	<u>16.8-30</u> ≜
					Zinc	TVS	TVS

	nd reservoirs within the Closed Basin,	excluding the specific l	stings in segme	ents 16,_17,	19 and 20.	T		
CORGCB18	Classifications	Phys	ical and Biolog	jical			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	
	Water Supply	D.O. (mg/L)			5.0	Arsenic(T)		0.02 -10 A
Qualifiers:		pН		6.5 - 9.0		Beryllium		_
Water + Fish	Standards Apply	chlorophyll a (ug/L)			20*	Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)			126	Cadmium(T)	<u>5.0</u>	=
*chlorophyll a	(ug/L)(chronic) = applies only to lakes		Inorganic (mg	/L)		Chromium III		TVS
and reservoirs	larger than 25 acres surface area.			acute	chronic	Chromium III(T)	50	
	chronic) = applies only to lakes and per than 25 acres surface area.	Ammonia		TVS	TVS	Chromium VI	TVS	TVS
_	te) = See 36.5(3) for details.	Boron			0.75	Copper	TVS	TVS
		Chloride			250	Iron		WS
		Chlorine		0.019	0.011	Iron(T)		1000
		Cyanide		0.005		Lead	TVS	TVS
		Nitrate		10		Lead(T)	<u>50</u>	=
		Nitrite		0.05	0.05	Manganese	TVS	TVS/WS
		Phosphorus			0.083*	Mercury(T)		0.01 (t)
		Sulfate			WS	Molybdenum(T)		160 150
		Sulfide			0.002	Nickel	TVS	TVS
		Cumao			0.002	Nickel(T)		100
						Selenium	TVS	TVS
						Silver	TVS	TVS
						Uranium	varies*	16.8-30 ≜
						Zinc	TVS	TVS
19. San Luis L	ake.					Ziilo	1 10	170
CORGCB19		T						
	Classifications	Phys	ical and Biolog	gical			Metals (ug/L)	
Designation	Agriculture	Phys	ical and Bioloલ્	gical DM	MWAT		Metals (ug/L)	chronic
		Phys Temperature °C	ical and Biolog	DM	MWAT	Aluminum		chronic
	Agriculture			DM		Aluminum Arsenic	acute	
Reviewable	Agriculture Aq Life Cold 1	Temperature °C	1/1 - 3/31	DM	CLL <u>varies*</u>		acute	
Reviewable Qualifiers:	Agriculture Aq Life Cold 1	Temperature °C	1/1 - 3/31	DM	CLL <u>varies*</u>	Arsenic	acute 340	
Reviewable Qualifiers: Other:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C Temperature °C D.O. (mg/L)	1/1 - 3/31	DM CLL €	CLL <u>varies*</u> 21.2	Arsenic Arsenic(T)	acute 340	 7.6
Reviewable Qualifiers: Other: *chlorophyll a	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes	Temperature °C Temperature °C D.O. (mg/L)	1/1 - 3/31	DM CLL €	chronic	Arsenic Arsenic(T) Beryllium Cadmium	acute 340 TVS	7.6 ————————————————————————————————————
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and	Temperature °C Temperature °C D.O. (mg/L)	1/1 - 3/31	DM CLL 6	21.2 chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Chromium III	acute 340	7.6 TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ireservoirs larger)	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes arger 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)	1/1 - 3/31	DM CLL 6	21.2 chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	acute 340 TVS TVS	7.6 TVS TVS 100
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(oreservoirs larg *Uranium(acur	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes arger than 25 acres surface area. chronic) = applies only to lakes and per than 25 acres surface area. te) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	1/1 - 3/31	acute 6.5 - 9.0	21.2 chronic 6.0 7.0 8*	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI	acute 340 TVS TVS TVS TVS	7.6 TVS TVS 100 TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i, erservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH	1/1 - 3/31	acute 6.5 - 9.0	21.2 chronic 6.0 7.0	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS TVS TVS TVS TVS	7.6 TVS TVS 100 TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i, erservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0	21.2 chronic 6.0 7.0 8*	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	acute 340 TVS TVS TVS TVS TVS TVS TVS	7.6 TVS TVS 100 TVS TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic) reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L)	1/1 - 3/31	acute 6.5 - 9.0 //L)	chronic 6.0 7.0 8* 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead	acute 340 TVS TVS TVS TVS TVS TVS TVS	7.6 TVS TVS 100 TVS TVS 1000 TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i, erservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute	chronic 6.0 7.0 8* 126	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	acute 340 TVS	7.6 TVS TVS 100 TVS TVS 1000 TVS TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL)	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	acute 340 TVS	7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(#)
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic) reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	7.6 7.6 7.8 TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 460150
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic) reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS	chronic 6.0 7.0 8* 126 chronic TVS 0.75	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	acute 340 TVS	7.6 7.6 7.8 TVS 100 TVS TVS 1000 TVS TVS 0.01(#) 160150 TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic) reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	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	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS 0.019	chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	acute	7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(in reservoirs largeture.) *Uranium(acuteture.)	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	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	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS 0.019 0.005	chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	acute 340 TVS	7.6 7.6 7VS 7VS 100 7VS 1000 7VS 1000 7VS 7VS 0.01(#) 160150 7VS 7VS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic) reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	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	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS 0.019 0.005 100	chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	acute 340 TVS	7.6 7.6 7.8 7.8 100 7.8 100 7.8 1000 7.8 7.8 1000 7.8 7.8 1000 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8 7.8
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic) reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	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	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 100 100 100	chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	acute 340 TVS	7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(#) 160150 TVS TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(ic reservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	Temperature °C Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (ug/L) E. Coli (per 100 mL) Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 /L) acute TVS 0.019 0.005 100	chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	acute 340 TVS	7.6 7.6 7.7 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS TVS TVS
Reviewable Qualifiers: Other: *chlorophyll a and reservoirs *Phosphorus(i, erservoirs larg *Uranium(acui *Temperature MWAT=CLL fr	Agriculture Aq Life Cold 1 Recreation E (ug/L)(chronic) = applies only to lakes starger than 25 acres surface area. chronic) = applies only to lakes and the surface area. etc) = See 36.5(3) for details.	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	1/1 - 3/31 4/1 - 12/31	acute 6.5 - 9.0 100 100 100	chronic 6.0 7.0 8* 126 chronic TVS 0.75 0.011 0.05	Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	acute 340 TVS	7.6 TVS TVS 100 TVS TVS 1000 TVS TVS 0.01(t) 160150 TVS TVS TVS

	20. Head Lake.						
	CORGCB20 Classifications	Physical and Bio	logical		Metals (ug/L)		
	Designation Agriculture		DM	MWAT		acute	chronic
	Reviewable Aq Life Cold 2	Temperature °C	CLL	CLL	Aluminum	_	
!	Recreation E		acute	chronic	Arsenic	340	
	Qualifiers:	D.O. (mg/L)		6.0	Arsenic(T)		100
1	Other:	D.O. (spawning)		7.0	Beryllium	-	
J		рН	6.5 - 9.0		Cadmium	TVS	TVS
	chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area.	chlorophyll a (ug/L)		8	Chromium III	TVS	TVS
	*Phosphorus(chronic) = applies only to lakes and	E. Coli (per 100 mL)		126	Chromium III(T)		100
ı	reservoirs larger than 25 acres surface area. *Uranium(acute) = See 36.5(3) for details.				Chromium VI	TVS	TVS
		Inorganic (mg/L)			Copper	TVS	TVS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01 (t)
		Chlorine	0.019	0.011	Molybdenum(T)		160 <u>150</u>
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite	<u>0.05</u>	0.05	Silver	TVS	TVS
		Phosphorus		0.025*	Uranium	<u>varies*</u>	
		Sulfate			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) Reserved.

(C) For certain site-specific temperature standards, the temperature excursions listed in Table I - Footnote 5(c) of 31.16 do not apply. Assessment of ambient-based temperature standards should be conducted in a way that represents similar conditions to those under which the criteria were developed (i.e., air, low flow, and warming event excursions should not apply). Similarly, where site-specific adjustments to the winter shoulder season have been adopted, the winter shoulder season excursion does not apply.

EXHIBIT 3 ARKANSAS FOUNTAIN COALITION FOR URBAN RIVER EVALUATION (AF CURE)

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

3 CCR 1002-32		

32.61 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

5 CCD 1002-33

Resegmentation of Fountain Creek Segment 04

The Commission adopted a proposal for the resegmentation of Segment 04 of the Fountain Creek subbasin. Segment 04 previously included all tributaries to the mainstem of Monument Creek and Fountain Creek, outside of National Forest or Air Force Academy lands, covering approximately 100 tributaries. These tributaries drain significantly different land uses ranging from mountainous to industrial areas, and have different water quality. Segment 04 was designated for agriculture, recreation E, aquatic life warm 2, and water supply, and had a use protected classification. After extensive data collection, evaluation and field observations the tributaries were subdivided into Segments 04a, 04b, 04c and 05a or moved to existing Segment 03a.

The resegmentation of Segment 04 was based on the aquatic life and water supply uses while assuming all tributaries would retain the existing agriculture and recreation E uses. Colorado Parks and Wildlife (CPW) provided aquatic life information that had been collected on the various tributaries. If no aquatic life data had been collected for a tributary, CPW provided their professional opinion on what species would be expected to be found. Most of the tributaries continue to support an aquatic life warm 2 designation (Segment 04a, 04b and 04c). Segment 05a was created as an Aquatic Life Warm 1 segment. Tributaries that support cold water species were moved to Segment 03a (existing) which has an aquatic life cold 1 designation.

Water supply information for existing wells and surface water intakes was obtained from the Colorado Decision Support System website and from information provided by AF CURE for planned future water supplies. Alluvial wells were evaluated in accordance with the Division's Alluvial Well Guidance for potential hydrologic connection to a tributary as the tributaries are all small streams with alluvial properties that would match the assumptions of the guidance. Wells that were greater than 200 feet from a stream or are screened at a depth greater than 60 feet were determined to be outside of the alluvium

and therefore not connected to a tributary. Additionally, wells that were within a water provider's service area boundary were also excluded, if that water provider has requirements for those within the service area to connect to the water system. Any tributaries with a surface intake or had wells that were outside of a service area and within the alluvium were designated as a water supply. Future water supply uses are unlikely on these tributaries as most of the area between the upper reaches of Monument Creek down to Pueblo County is within a service area. Fort Carson and the Air Force Academy also own a significant amount of this land area where development is unlikely. Any development along tributaries, or portions of tributaries, that are outside of service areas would likely be incorporated into a service area. The tributaries from the Pueblo County line to Pueblo West or Pueblo are dry tributaries that have not had documented flowing water for several years.

The majority of the tributaries were determined to be both aquatic life warm 2 and to not have a water supply use. These were further divided as tributaries to Monument Creek (Segment 04a) and tributaries to Fountain Creek (Segment 04b). Tributaries that were aquatic life warm 2 and have a water supply use were designated as Segment 04c. The tributaries in these three segments continue to be classified as use protected based on Regulation 31.8(2)(b)(iii)(B) where the segments do, or would, qualify for 303(d) Listing of two or more parameters (typically *E. coli* and selenium).

The aquatic life cold 1 tributaries that were moved to Segment 03a either have a water supply use and/or have water quality that would require a reviewable classification. Except for adding these new streams to this segment, no other changes have been made.

Segment 05 has been divided into two segments, Segment 05b (the current Segment 05) and Segment 05a. Segment 05a is similar to Segment 05 (05b) in that an aquatic life warm 1 designation and a reviewable classification are appropriate. Segment 05a has been designated as Recreation E as opposed to Segment 05b (current Segment 05) which is Recreation N. No other changes have been made to these segments.

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 06/30/201712/31/2018

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Fountain Creek Basin

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. Additionally, this includes Cheyenne Creek from its source to the confluence with Fountain Creek, Bear Creek below Gold Camp Road to the confluence with Fountain Creek, Little Fountain Creek above Highway 115, Rock Creek above Highway 115, all of North Monument Creek from source to confluence with Monument Creek, and all of Beaver Creek from source to confluence with Monument Creek.

COARFO03A	Classifications	Physical and Biologi	cal		N	/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	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Beryllium		
Other:		pH	6.5 - 9.0		Cadmium	TVS(tr)	TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)		150	Chromium III		TVS
Arsenic(chroni	c) = hybrid	E. Coli (per 100 mL)		126	Chromium III(T)	50	
Expiration Dat	e of 12/31/2021				Chromium VI	TVS	TVS
		Inorganic (mg/	L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury		0.01(t)
		Cyanide	0.005		Molybdenum(T)		160
		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	TVS	TVS

4a. All tributaries to Monument Fountain Creek which are not within the boundaries of National Forest or Air Force Academy lands, including all wetlands, from the confluence with North Monument Creek to the confluence with Fountain Creek, a point immediately above the confluence with Monument Creek to the confluence with the Arkansas River, except for specific listings in segments 3a, 4c, 5 and 6.

COARFO04	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	
	W ater Supply	D.O. (mg/L)		5.0	Arsenic(T)		0 .02-10 100 A
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III	<u>TVS</u>	TVS
*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).		Inorganic (m	ıg/L)		Chromium III(T)	5 0	1 <u>00</u>
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		WS
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS MS
		Nitrate	10 <u>0</u>		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum(T)		160
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		W S	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Fountain Creek Basin

4<u>b</u>. 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 below the confluence with Monument Creek to the confluence with the Arkansas River, except for specific listings in segments in 3a, 5a, and 5b and 6.

COARFO04	Classifications	Physical and Biolog	gical			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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		1 <u>00</u> 0.02-10 A
Qualifiers:		pH	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
rchlorophyll a (mg/m²)(chronic) = applies only above he facilities listed at 32.5(4).	E. Coli (per 100 mL)		126	Chromium III	<u>TVS</u>	TVS	
	Inorganic (mg/L)			Chromium III(T)	5 0	<u>100</u>	
	Phosphorus(chronic) = applies only above the acilities listed at 32.5(4).		acute	chronic	Chromium VI	TVS	TVS
iaciiiles iistec	7 at 52.5(1).	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		W S
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS <mark>/WS</mark>
		Nitrate	1 <u>0</u> 0		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum(T)		160
		Phosphorus		0.17*	Nickel	TVS	TVS
	Sulfate		W S	Selenium	TVS	TVS	
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

4c. 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 Monument Creek to the confluence with the Arkansas River, except for specific listings in segments 5 and 6. Smith Creek (tributary to Monument Creek), Sand Creek (tributary to Fountain Creek near Colorado Springs), Williams Creek (tributary to Fountain Creek near Fountain), and 2 unnamed tributaries with water supply uses near the City of Pueblo.

COARFO04	Classifications	Physical and Biol	ogical		l r	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02-10 A
Qualifiers:		pН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
		E. Coli (per 100 mL)		126	Chromium III		TVS
the facilities lis	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	Inorganic (mg/L)			Chromium III(T)	50	
*Phosphorus(facilities listed	chronic) = applies only above the		acute	chronic	Chromium VI	TVS	TVS
iaciiiles iisteu	at 32.3(4).	Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		WS
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum(T)		160
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Fountain Creek Basin

5a. Marshland on Nash Property (60 acres at 13030 Old Pueblo Road, El Paso County) located in Section 28 T16S R65W; Jimmy Camp Creek from its source to the irrigation diversion east of Old Pueblo Road in Section 28, T16S, R65W, 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	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Aluminum		
	Recreation NE		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
chlorophyll a		chlorophyll a (mg/m²)		<u>150</u>	Cadmium	TVS	TVS
(mg/m²)(chronic) = applies only above		E. Coli (per 100 mL)		630 <u>126</u>	Chromium III	TVS	TVS
the facilities listed at 32.5(4).		Inorgan	ic (mg/L)		Chromium III(T)		100
*Phosphorus(chronic			acute	chronic	Chromium VI	TVS	TVS
= applies only above the facilities listed at		Ammonia	TVS	TVS	Copper	TVS	TVS
<u>32.5(4).</u>		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		160
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17 *	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

5b. 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	Biological			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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		pH	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)			Cadmium	TVS	TVS
	E. Coli (per 100 mL)		630	Chromium III	TVS	TVS	
		Inorgan	Inorganic (mg/L)				100
			acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		160
		Nitrite		0.5	Nickel	TVS	TVS
		Phosphorus		0.17	Selenium	TVS	TVS
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

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.

EXHIBIT 4 CITY OF LAS ANIMAS

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

5 CCR	1002-32			
32.6	<u>TABLES</u>			

(6) Discharger Specific Variances

- (a) A Discharger Specific Variance (DSV) establishes a temporary water quality standard that represents the highest degree of protection of a classified use that is feasible within 20 years and is granted by the Commission pursuant to criteria contained in Regulation 31.7(4).
 - (i) In every case, the variance to the standard shall be temporary and must be reexamined not less than once every three years.
 - (ii) For DSVs that are longer than five years in duration, the Commission will submit the results of its re-evaluation to EPA within 30 days of the date the Commission completes its re-evaluation. Pursuant to 40 CFR 131.14(b)(1)(v)-(vi), the DSV will no longer be the applicable water quality standard for purposes of the Clean Water Act if the Commission does not conduct a re-evaluation consistent with the specified frequency or if the Commission does not submit the results within 30 days of completion of the re-evaluation process.
- (b) The first number of the DSV 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 the discharger. 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 discharger.
- (c) Lower Arkansas Segment 1b:

Discharger Specific Variance, City of La Junta (CO0021261): Adopted 10/11/2016.

Selenium (acute) = TVS: no limit; Selenium (chronic) = TVS: 0.37 lbs/day as a 12-month rolling average. Expiration date: 12/31/2026.

<u>Discharger Specific Variance, City of Las Animas (CO0040690): Adopted</u> <u>06/11/2018</u>

<u>Selenium (acute) = no limit; Selenium (chronic) = 0.086 pounds per day as a 12-month rolling average; Effective Date: 12/30/18; Expiration Date: 12/31/28.</u>

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32.59 <u>STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018</u>

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

The Commission adopted a DSV for Lower Arkansas River Segment 1b for selenium that represents the highest degree of protection of the classified use that is feasible for the City of Las Animas. For selenium, effluent limits for the City of Las Animas shall not be more restrictive than a load-based effluent limit of 0.086 pounds per day as a 12-month rolling average prior to 12/31/2028. The Commission determined that in Las Animas' site-specific circumstances, a 12-month rolling average loading limit would be the most effective way to measure progress in feasible selenium reduction. The Commission determined not to adopt a daily maximum alternative effluent limit at this time, because the feasible improvements are expected to reduce average loading. Daily fluctuations in selenium levels may be outside of the discharger's control at this time, therefore, an acute limit would not be an appropriate regulatory mechanism to determine whether implementation of the selected alternatives were successful.

In developing the request for the discharger-specific variance and attaining compliance with the City's discharge permit, it has been determined that the source of selenium discharged to the Arkansas River is from native groundwater within the City and the source water used by the City for its water supply. The City has expended significant effort and financial commitments to minimizing the extraneous groundwater entering the wastewater collection system and being discharged through the City's wastewater treatment facility and controlling potable water losses in the distribution system. The City provides its citizens domestic water supply with reverse osmosis treatment of the total supply delivered to its customers. It has been determined that the reject water from the reverse osmosis treatment is the major source of selenium discharged to the Arkansas River in accordance with the applicable discharge permits. The City has evaluated and will continue to evaluate in more detail alternatives to limit selenium in the water discharged to the wastewater management system, optimize the use of source water with the lowest selenium content and pilot means to remove selenium in the City's wastewater discharge. In addition, the long planned Arkansas Valley Conduit may provide an alternative water supply source which does not require treatment of local groundwater. Although that water resource development project has been in the planning for more than 40 years, there is no date certain as to when the alternative water supply could be available to the City.

Las Animas submitted evidence that meeting the selenium WQBEL would cause substantial and widespread adverse social and economic impacts in the area where the discharge is located. Alternatives that would allow Las Animas to meet the selenium WQBEL, such as disposal of water treatment residual process water by injection well, or evaporation, would result in user fees that exceed the community's ability to pay. The Commission determined that the threshold for substantial and widespread social and economic impacts would be user fees exceeding 4% of median household income for Las Animas' residents. Las Animas' users currently pay user charges exceeding 1% of the median household income to support current wastewater management services. The American Community Survey estimate of the median household income is 48.3% of the statewide average. Since wastewater user fees currently exceed 1.0% of median household income, no additional capital investment in selenium treatment is economically feasible at this time.

The Commission determined that some reduction in selenium loading may currently be feasible through additional conservation and continued commitment to rehabilitation of the City's wastewater collection system. However, since it is difficult to predict or quantify how much improvement is feasible, at this time, the Commission is adopting an alternative effluent limit at the current condition. Also, there is uncertainty in characterizing the current condition, because Las Animas' selenium loading is largely related to the City's water demand, which varies annually due to climate variability. The last 10 years of effluent data may not represent the longer-term current condition regarding water demand or selenium loading. Furthermore, the concentration of selenium in Las Animas' source water is outside of Las Animas' control and could improve or worsen over time. These uncertainties may be addressed during future re-evaluations.

The City of Las Animas is committed to minimizing discharge of selenium from the water treatment facilities of the City. In addition, it is committed to continued rehabilitation of its wastewater collection system to further reduce extraneous flow and interception of groundwater which contains selenium at concentrations exceeding the Arkansas River water quality standard and the City's WQBEL. Because the basis of this DSV is economic feasibility, at future re-evaluations of the DSV, the Commission will review whether economic conditions have changed in a way that would make additional reductions in selenium feasible. In addition, future re-evaluations of the DSV may be supplemented with a date certain or time certain development of alternative water supplies for the City which will not result in discharges of selenium to the Arkansas River.

The Commission will conduct a re-evaluation of the DSV during the triennial review process for this regulation. At the time of the issues scoping hearing and the issues formulation hearing for this regulation, the Division will review all existing and readily available information and provide comments to the Commission regarding whether the DSV continues to be the highest attainable condition. The Commission also expects that Las Animas will submit a progress report for the Commission's review of the DSV and the AEL during the June 2023 Arkansas River Basin rulemaking hearing. The Commission will obtain public input on the re-evaluation through the triennial review process. For purposes of EPA's notice requirement, the Commission's re-examination of this DSV will be completed at the effective date of the 2023 and 2028 Arkansas River Basin rulemaking hearings, and the Commission will submit the results of the re-evaluation to EPA no later than 30 days after the effective date of the rulemaking. The requirements of the DSV will either remain at the AEL identified at the time of the adoption of the variance, or be modified to the highest attainable condition identified during any re-evaluation rulemaking hearing held by the Commission.

Due to the remaining uncertainty in the underlying standard on Lower Arkansas River Segment 1b, the Commission directs the Water Quality Control Division to work with interested parties to collect selenium fish tissue data and further investigate the selenium criteria necessary to protect aguatic life.

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 06/30/201712/31/2018

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower Arkansas River Basin

COARLA01B	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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Water + Fish	Standards Apply	chlorophyll a (mg/m2)			Cadmium	TVS	TVS
Other:		E. Coli (per 100 mL)		126	Chromium III		TVS
Temporary M	odification(s):	Inorgani	ic (mg/L)		Chromium III(T)	50	
Arsenic(chroni	ic) = hybrid		acute	chronic	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2021	Ammonia	TVS	TVS	Copper	TVS	TVS
Discharger Sp	ecific Variance(s):	Boron		0.75	Iron		WS
	hehronic) = See Section	Chloride		250	Iron(T)		1950
<u>32.6(6) for det</u> Junta. TVS:0. 3	ails on variance for La 7 lbs/day	Chlorine	0.019	0.011	Lead	TVS	TVS
Expiration Dat	e of 12/31/2026	Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
	h) = See Section 32.6(6) variance for the City of	Nitrite		0.5	Molybdenum(T)		160
Las Animas		Phosphorus			Nickel	TVS	TVS
Expiration Dat	e of 12/31/2028	Sulfate		902	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium		
					Zinc	TVS	TVS

EXHIBIT 5 PUBLIC SERVICE COMPANY OF COLORADO

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

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5 CCR 1002-32

32.61 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

Middle Arkansas Segment 6b: site-specific standards for temperature. Based upon information submitted by Public Service Company of Colorado (PSCo), the Commission adopted site-specific temperature standards for Middle Arkansas Segment 6b for the daily maximum (DM) and maximum weekly average temperature (MWAT) standards for certain months.

Summer DM Standards

The Commission adopted an ambient-based site-specific temperature standard of 32.6°C (DM) for March – November for Segment 6b, with the TVS of WS-II applying during the winter months. The Commission determined that the highest attainable uses for Segment 6b are the existing classifications of Agriculture, Aquatic Life Warm 2, Recreation E, and Water Supply, and that the ambient temperatures are adequate to protect these uses. To accurately represent spatial and temporal variability in natural temperature conditions, PSCo submitted water quality data from locations throughout the segment, including upstream and downstream of PSCo's Comanche Station discharge. These data demonstrate that natural conditions within the St. Charles River are solely driving elevated daily maximum instream concentrations of temperature during the summer months. Finally, in accordance with Section 31.3 of the Basic Standards of Methodologies for Surface Waters, the Commission found that the ambient-based summer DM standards adopted in Segment 6b will not jeopardize downstream waters and the water quality classifications and standards of downstream waters will be attained and maintained.

Shoulder Season MWAT Standards

PSCo submitted sufficient data and justification to support adoption of site-specific temperature MWAT standards during the shoulder season months. Based on the evidence submitted, the Commission adopted site-specific MWAT standards for February and December of 17.4°C, and for March and November of 20.7°C. The Commission retained the TVS for January and April-October. PSCo supported the site-specific MWAT standards with a Use Attainability Analysis, examining fish populations, land use

information, and aquatic life sampling. The site-specific standards are "seasonally stepped," recognizing natural warming and cooling patterns in Segment 6b. See Reg. 31, Section 31.16, Table 1, Footnote 5. The two "steps" extend the cooler months, and shorten the summer months to April to October, with the decrease in the summer temperatures larger than the increase in the winter months. The site-specific shoulder season standards adopted by the Commission are appropriate to protect the classified uses of Segment 6b and maintain the normal seasonal pattern of temperatures.

Temperature Temporary Modification

The Commission removed the temporary modification for temperature of "current condition" that had previously been in place year-round for Middle Arkansas Segment 6b.

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 06/30/201712/31/2018

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Middle Arkansas River Basin

COARMA06B	Classifications	Physic	al and Biolog	ical		N	letals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 2	_emperature °C	<u>1/1-1/31</u>	<u>W</u> S-II	<u>W</u> S-II	Aluminum		
	Recreation E	Temperature °C	2/1-2/29	WS-II	<u>17.4</u>	Arsenic	340	
	Water Supply	Temperature °C	<u>3/1-3/31</u>	<u>32.6</u>	<u>20.7</u>	Arsenic(T)		0.02-10 ^A
Qualifiers:		Temperature °C	<u>4/1-10/31</u>	<u>32.6</u>	WS-II	Beryllium		
Other:		Temperature °C	1 <u>1/1-11/30</u>	3 <u>2.6</u>	2 <u>0.7</u>	Cadmium	TVS	TVS
Temporary M	odification(s):	Temperature °C	1 <u>2/1-12/31</u>	<u>WS-II</u>	<u>17.4</u>	Chromium III		TVS
Femporary Modification(s): emperature(DM/MWAT) = "current				acute	chronic	Chromium III(T)	50	
conditions"		D.O. (mg/L)			5.0	Chromium VI	TVS	TVS
E xpiration Dat	e of 12/31/2018	рН		6.5 - 9.0		Copper	TVS	TVS
*Selenium(acu location at 32.	ite) = See selenium assessment	chlorophyll a (mg/m²)				Iron		WS
*Selenium(chr	onic) = See selenium assessment	E. Coli (per 100 mL)			126	Iron(T)		1000
location at 32.	6(4).	Inorganic (mg/L)			Lead	TVS	TVS	
				acute	chronic	Manganese	TVS	TVS/WS
		Ammonia		TVS	TVS	Mercury		0.01(t)
		Boron			0.75	Molybdenum(T)		160
		Chloride			250	Nickel	TVS	TVS
		Chlorine			0.011	Selenium	173*	50*
		Cyanide		0.005		Silver	TVS	TVS
		Nitrate		10		Uranium		
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus						
		Sulfate			WS			
		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.

EXHIBIT 6 CITY OF PUEBLO

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

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(6) Discharger Specific Variances

- (a) A Discharger Specific Variance (DSV) establishes a temporary water quality standard that represents the highest degree of protection of a classified use that is feasible within 20 years and is granted by the Commission pursuant to criteria contained in Regulation 31.7(4).
 - (i) In every case, the variance to the standard shall be temporary and must be re-examined not less than once every three years.
 - (ii) For DSVs that are longer than five years in duration, the Commission will submit the results of its re-evaluation to EPA within 30 days of the date the Commission completes its re-evaluation. Pursuant to 40 CFR 131.14(b)(1)(v)-(vi), the DSV will no longer be the applicable water quality standard for purposes of the Clean Water Act if the Commission does not conduct a re-evaluation consistent with the specified frequency or if the Commission does not submit the results within 30 days of completion of the re-evaluation process.
- (b) The first number of the DSV 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 (or narrative condition) is the Commission's determination of the effluent concentration condition with the highest degree of protection of the classified use that is feasible for the discharger. 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 or condition shall require an "end-of-pipe" discharge levelbe more restrictive than the second number (or narrative condition) during the term of the DSV for the named discharger.
- (c) Lower Arkansas Segment 1b:

Discharger Specific Variance, City of La Junta (CO0021261): Adopted 10/11/2016.

Selenium (acute) = TVS: no limit; Selenium (chronic) = TVS: 0.37 lbs/day as a 12-month rolling average. Expiration date: 12/31/2026.

(d) Lower Arkansas Segment 1a:

<u>Discharger Specific Variance, City of Pueblo James R. Dilorio Water Reclamation Facility</u> (CO0026646): Adopted 6/12/2018.

Selenium(acute) = 19.1 μg/L: no limit; Selenium (chronic) = 14.1 μg/L: narrative; Sulfate (chronic) = 329 mg/L: narrative. Expiration date: 12/31/2028

Narrative variance conditions: During the DSV term, Pueblo will implement source control and optimization measures including:

- Lining up to 175,000 ft² in the sewer collection system in Basins 2 and 3.
- Sealing up to 400 manholes in Basins 2 and 3.
- The amount of sewer lining and manhole sealing may be reduced by:
 - o Repair of service taps in poor condition;
 - o Repair of service lines in poor condition; or
 - Additional effort where epoxy sealing of manholes is insufficient to control I & I.
- A comprehensive long-term sampling and analysis program to identify source control projects and evaluate the effectiveness of implemented controls.
- Pilot testing to determine the feasibility of chemical addition to reduce selenium.

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32.61 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

Lower Arkansas Segment 1a (City of Pueblo)

The Commission adopted a DSV for Lower Arkansas Segment 1a for selenium and sulfate that represents the highest degree of protection of the classified uses that is feasible for the City of Pueblo James R. Dilorio Water Reclamation Facility. Selenium and sulfate are naturally present in the Pierre Shale underlying the City of Pueblo. Groundwater with high selenium and sulfate concentrations as a result of contact with the Pierre Shale enters the Pueblo sewer collection system through inflow and infiltration. Even though the Pueblo WRF removes some selenium, there are elevated selenium and sulfate concentrations in the effluent. Based on the alternatives analysis and other evidence submitted by Pueblo, the Commission concluded that the highest degree of protection of the classified uses would be achieved through source control measures. The measures are targeted to reduce inflow and infiltration ("I

& I") from Basins 2 and 3 within the Pueblo sewer collection system, where elevated selenium and sulfate concentrations have been observed. The Commission concluded that the resulting effluent concentration could not be estimated numerically, and therefore in Section 32.6(6)(d) the Commission adopted a description of control measures that constitute a quantifiable expression of the highest attainable conditions for selenium and sulfate expressed as the number of manholes sealed and the amount of sewer lining measured in terms of the surface area of pipe lined instead of linear feet, to account for the higher cost of lining larger-diameter pipe. The Commission also recognized that the conditions need to be flexible enough for Pueblo to target efforts where they will have the greatest impact, and so the number of manholes sealed or the amount of pipe lined may be reduced to allow for other efforts including repair of service lines or taps. The variance conditions adopted by the Commission in this hearing are:

- Lining up to 175,000 ft² in the sewer collection system in Basins 2 and 3.
- Sealing up to 400 manholes in Basins 2 and 3.
- The amount of sewer lining and manhole sealing may be reduced by:
 - o Repair of service taps in poor condition;
 - Repair of service lines in poor condition; or
 - Additional effort where epoxy sealing of manholes is insufficient to control I & I.
- A comprehensive long-term sampling and analysis program to identify source control
 projects and evaluate the effectiveness of implemented controls.
- Pilot testing to determine the feasibility of chemical addition to reduce selenium.

During the duration of the DSV, Pueblo will continue to study selenium and sulfate treatment optimization and technologies to inform future Commission review of the DSV. This effort will include a long-term comprehensive sampling and analysis program, in order to better understand the seasonal and climatic controls on sulfate and selenium and to better evaluate the effectiveness of controls under a variety of climatic conditions. The Commission will conduct a re-evaluation of the DSV during the triennial review process for this regulation. At the time of the issues scoping hearing and the issues formulation hearing for this regulation, the Division will review all existing and readily available information and provide comments to the Commission regarding whether the DSV continues to be the highest attainable condition. The Commission also expects that Pueblo will submit a progress report for the Commission's review of the DSV and the AEL during the June 2023 Arkansas River Basin rulemaking hearing. The Commission will obtain public input on the re-evaluation through the triennial review process. For purposes of EPA's notice requirement, the Commission's re-examination of the City of Pueblo DSV will be completed at the effective date of the June 2023 Arkansas River Basin rulemaking hearing, and the Commission will submit the results of the re-evaluation to EPA no later than 30 days after the effective date of the Arkansas Basin rulemaking.

The requirements of the DSV will be either the AEL identified at the time of the adoption of the variance, or the highest attainable condition identified during any re-evaluation rulemaking hearing held by the Commission.

The Commission removed the temporary modifications for selenium and sulfate of "existing quality" that had previously been in place for Lower Arkansas Segment 1a.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

(5) 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 06/30/201712/31/2018

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower Arkansas River Basin

COARLA01A	Classifications	Physic	cal and Biologic	cal		N	/letals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	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	
	Water Supply					Arsenic(T)		0.02-10 A
Qualifiers:				acute	chronic	Beryllium		
Other:		D.O. (mg/L)			5.0	Cadmium	TVS	TVS
Temporary M	odification(s):	рН		6.5 - 9.0		Chromium III		TVS
Selenium(ac/c	h) = existing quality	chlorophyll a (mg/m²)				Chromium III(T)	50	
Sulfate(chronic	c) = existing quality	E. Coli (per 100 mL)			126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2018	l l	norganic (mg/L	-)		Copper	TVS	TVS
Discharger Sp	ecific Variance(s):			acute	chronic	Iron		WS
Selenium(acut	e) = 19.1 µg/L: no limit	Ammonia		TVS	TVS	Iron(T)		2800
	nic) = 14.1 µg/L: narrative	Boron			0.75	Lead	TVS	TVS
•	c) = 329 mg/L: narrative	Chloride			250	Manganese	TVS	TVS/WS
Expiration Dat		Chlorine		0.019	0.011	Mercury		0.01(t)
	enium = see 32.6(6) for details.	Cyanide		0.005		Molybdenum(T)		160
variance: Sui	fate = see 32.6(6) for details.	Nitrate		10		Nickel	TVS	TVS
		Nitrite			0.5	Selenium	19.1	14.1
		Phosphorus				Silver	TVS	TVS
		Sulfate			329	Uranium		
		Sulfide			0.002	Zinc	TVS	TVS

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.

EXHIBIT 7 PUEBLO WEST METROPOLITAN DISTRICT

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

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(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)=22212376, Se(ch)=19522110: Selenium Assessment Location
 - Wildhorse Creek above Pesthouse Gulch: 38.296478, -104.649201
- (b) Middle Arkansas Segment 4g, Pesthouse Gulch, Se(ac)=523389, Se(ch)=446369: Selenium Assessment Location
 - Pesthouse above No Name: 38.309568, -104.672244

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32.61 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

Wildhorse Creek and Pesthouse Gulch (Middle Arkansas Segments 4a and 4g)

During the June 2013 hearing, the commission adopted ambient quality-based selenium standards for Wildhorse Creek (Segment 4a) and Pesthouse Gulch (Segment 4g) based upon a combination of dissolved and total recoverable selenium data collected by the Pueblo West Metropolitan District and the

division, and a regional conversion factor developed by Pueblo West from data sets collected by the City of Pueblo. The commission asked Pueblo West to collect dissolved selenium data in order to confirm the conversion factor-derived standards for these segments, or replace the standards with a dissolved fraction based standard in the next review cycle.

From 2014 to 2017 Pueblo West collected quarterly samples at the assessment locations for Middle Arkansas Segments 4a and 4g defined at 32.6(4) that were analyzed for dissolved and total recoverable selenium to generate data which confirmed the regional conversion factor used by Pueblo West in the June 2013 hearing.

In this hearing, based upon the dissolved selenium data collected by Pueblo West from 2014 to 2017 at the assessment locations for these segments, Pueblo West proposed, and the commission adopted, updated ambient quality-based selenium standards for these segments.

Golf Course Wash and Turkey Creek (Middle Arkansas Segments 4e and 18b)

For Golf Course Wash (Segment 4e) and Turkey Creek (Segment 18b), the commission deleted the site-specific selenium standards and reinstated the underlying table value standards. The site-specific standards, adopted by the commission in 2013, had not been approved by EPA due to the need for additional analyses to support the site-specific standards. While evidence exists which demonstrates the occurrence of naturally-elevated selenium concentrations in these segments, adequate supporting information was not available to determine the extent of anthropogenic impacts, the feasibility to reverse such impacts, and the highest attainable water quality condition and use for these waterbodies. Due to resource limitations and the lack of compliance concerns on these segments, Pueblo West Metropolitan District opted not to pursue completion of a comprehensive alternatives analysis to fill the information gaps identified at this time. Until such information becomes available, it is appropriate to reapply the underlying table value standards for selenium.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

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REGULATION NO. 32
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Stream Classifications and Water Quality Standards Tables

Effective 06/30/201712/31/2018

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Middle Arkansas River Basin

4a. Mainstem	of Wildhorse Creek from the source to t	he confluence with the Arkansas R	River.		_		
COARMA04A	Classifications	Physical and Bi	ological			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	
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100
Other:		рН	6.5 - 9.0		Beryllium		
		chlorophyll a (mg/m²)		150*	Cadmium	TVS	TVS
	(mg/m^2) (chronic) = applies only above sted at 32.5(4).	E. Coli (per 100 mL)		126	Chromium III	TVS	TVS
	chronic) = applies only above the	Inorganic (mg/L)			Chromium III(T)		100
*Selenium(acı	ute) = See selenium assessment		acute	chronic	Chromium VI	TVS	TVS
location at 32.	6(4). ronic) = See selenium assessment	Ammonia	TVS	TVS	Copper	TVS	TVS
location at 32.		Boron		0.75	Iron(T)		1000
		Chloride			Lead	TVS	TVS
		Chlorine	0.019	0.011	Manganese	TVS	TVS
		Cyanide	0.005		Mercury		0.01(t)
		Nitrate	100		Molybdenum(T)		160
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus		0.17*	Selenium	<u>2221</u> 2376*	<u>1952</u> 2110*
		Sulfate			Silver	TVS	TVS
		Sulfide		0.002	Uranium		
					Zinc	TVS	TVS

4e. Golf Cours		T			T			
	Classifications	Physical and			Metals (ug/L)			
Designation			DM	MWAT		acute	chronic	
	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Aluminum	-		
	Recreation E		acute	chronic	Arsenic	340		
Qualifiers:		D.O. (mg/L)		5.0	Arsenic(T)		100	
Other:		рН	6.5 - 9.0		Beryllium			
		chlorophyll a (mg/m²)		150	Beryllium(T)		100	
		E. Coli (per 100 mL)		126	Cadmium			
		Inorgan	Inorganic (mg/L)				10	
			acute	chronic	Chromium III	TVS	TVS	
		Ammonia	TVS	TVS	Chromium III(T)		100	
		Boron		0.75	Chromium VI			
		Chloride			Chromium VI(T)		100	
		Chlorine			Copper			
		Cyanide	0.2		Copper(T)		200	
		Nitrate	100		Iron			
		Nitrite		10	Lead			
		Phosphorus		0.17	Lead(T)		100	
		Sulfate			Manganese			
		Sulfide			Mercury			
					Molybdenum(T)		160	
					Nickel			
					Nickel(T)		200	
					Selenium	<u>TVS</u> 1797	<u>TVS</u> 1769	
					Silver			
					Uranium			
					Zinc			
					Zinc(T)		2000	

4g. Mainstem of Pesthouse Gulch, from the source to the confluence with Wildhorse Creek.

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Middle Arkansas River Basin

COARMA04G	Classifications	Physical and Biolo	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(T)		100
Qualifiers:		D.O. (mg/L)		5.0	Beryllium(T)		100
*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). *Selenium(acute) = See selenium assessment location at 32.6(4). *Selenium(chronic) = See selenium assessment		рН	6.5 - 9.0		Cadmium(T)		10
		chlorophyll a (mg/m²)		150*	Chromium III(T)		100
		E. Coli (per 100 mL)		126	Chromium VI(T)		100
		Inorganic (mg/L)		Copper(T)		200	
			acute	chronic	Iron		
		Ammonia			Lead(T)		100
location at 32.6		Boron		0.75	Manganese(T)		200
		Chloride			Mercury		
		Chlorine			Molybdenum(T)		160
		Cyanide	0.2		Nickel(T)		200
		Nitrate	100		Selenium	<u>523</u> 389*	<u>446</u> 369*
		Nitrite		10	Silver		
		Phosphorus		0.17*	Uranium		
		Sulfate			Zinc(T)		2000
		Sulfide					

COARMA18B	Classifications	Physical and	Biological		ı	Vietals (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	
	Water Supply	D.O. (mg/L)		5.0	Arsenic(T)		0.02
Qualifiers:		рН	6.5 - 9.0		Beryllium		
Other:		chlorophyll a (mg/m²)		150	Cadmium	TVS	TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III		TVS
Arsenic(chron	` '	Inorgan	Inorganic (mg/L)			50	
xpiration Dat	e of 12/31/2021		acute	chronic	Chromium VI	TVS	TVS
		Ammonia	TVS	TVS	Copper	TVS	TVS
		Boron		0.75	Iron		WS
		Chloride		250	Iron(T)		1000
		Chlorine	0.019	0.011	Lead	TVS	TVS
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury		0.01(t)
		Nitrite		0.5	Molybdenum(T)		160
		Phosphorus		0.17	Nickel	TVS	TVS
		Sulfate		WS	Selenium	<u>TVS</u> 2498	<u>TVS</u> 2344
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium		
					Zinc	TVS	TVS

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.

EXHIBIT 8 RESURRECTION MINING COMPANY

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 32 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR ARKANSAS RIVER BASIN

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32.61 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

lowa Gulch, Segment 8a, 8b, and Segment 9: The Commission adopted site-specific standards using hardness-based equations for cadmium and zinc based on the EPA recalculation procedure. The recalculation methodology provides revised equations for chronic cadmium and acute and chronic zinc which are intended to protect the resident, attainable aquatic macroinvertebrate and planktonic communities, and limited fish populations in Iowa Gulch. These site-specific standards resolve the uncertainty which resulted in the Commission adopting temporary modifications for cadmium and zinc in Segment 8b in the June 2007 Rulemaking, which were extended at the June 2013 Rulemaking, revised at the December 2015 Rulemaking and extended again at the December 2016 Rulemaking.

The Use Attainability Analysis submitted by Resurrection Mining demonstrated that aquatic macroinvertebrate populations are currently categorized as "very good" to "good" in Iowa Gulch under the existing conditions. Fish populations are limited by the small stream size and elevation, with the majority of the fish appearing to have originated in the Arkansas River. Planktonic organisms are present, although primarily limited to the ponded areas in these segments. Cadmium and zinc standards resulting from the recalculation procedure result in values that are more protective of aquatic life than the current temporary modification values that have been in place on 8b since 2007, and are consistent with the site-specific standards on the downstream receiving waters, Upper Arkansas Segment 2c.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

(6) 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 06/30/201712/31/2018

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Arkansas River Basin

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COARUA08A	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		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02-10 A	
Qualifiers:		D.O. (spawning)		7.0	Beryllium			
Other:		pН	6.5 - 9.0		Cadmium	TVS(tr)SSE*	TVSSSE*	
	<u>ite) = (1.136672-</u>).041838]*e^(0.9789*ln(hardness	chlorophyll a (mg/m²)		150	Chromium III		TVS	
3.5146)	* ,	E. Coli (per 100 mL)		126	Chromium III(T)	50		
	<u>onic) = (1.101672-</u>).041838*e^(0.7977*ln(hardness)				Chromium VI	TVS	TVS	
3.5338)	7.041000 C (0.7311 III(IIdIdile35)	Inorganic (mg/L)			Copper	TVS	TVS	
*Zinc(acute) =			acute	chronic	Iron		WS	
0.978*e^(0.8582*In(hardness)+1.3610) *Zinc(chronic)		Ammonia	TVS	TVS	Iron(T)		1000	
	≣ 32*In(hardness)+1.1648)	Boron		0.75	Lead	TVS	TVS	
		Chloride		250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury		0.01(t)	
		Cyanide	0.005		Molybdenum(T)		160	
		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	T VS<u>SSE*</u>	T VS <u>SSE*</u>	

REGULATION #32 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Arkansas River Basin

COARUA08B Classifications		Physical and	Physical and Biological			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			
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100		
Other:		D.O. (spawning)		7.0	Beryllium				
emporary Mo	edification(s):	рН	6.5 - 9.0		Cadmium	SSE*	T VS SSE*		
admium(chro	vnic) = 1.6	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS		
inc(acute) = 7	⁷ 54	E. Coli (per 100 mL)		126	Chromium III(T)		100		
Z inc(chronic) = 505					Chromium VI	TVS	TVS		
xpiration Date	e of 12/31/2018	Inorganic (mg/L)			Copper	TVS	TVS		
emperature(D	M) = No acute standard 11/1 - 3/31		acute	chronic	Iron(T)		1000		
emperature(M	WAT) = 14 $1\frac{1}{1} - \frac{3}{3}$	Ammonia	TVS	TVS	Lead	TVS	TVS		
xpiration Date	e of 12/31/2017	Boron		0.75	Manganese	TVS	TVS		
	ite) = (1.136672-	Chloride			Mercury		0.01(t)		
n(hardness)*(.5146)	0.041838]*e^(0.9789*In(hardness)-	Chlorine	0.019	0.011	Molybdenum(T)		160		
	onic) = (1.101672-	Cyanide			Nickel	TVS	TVS		
<u>n(nardness) (</u> . <u>5338)</u>	0.041838*e^(0.7977*In(hardness)-	Nitrate	100		Selenium	TVS	TVS		
Zinc(acute) =	0.978*e^(0.8582*ln(hardness)+1.3610)	Nitrite		0.05	Silver	TVS	TVS(tr)		
	= 0.986*e^(0.8582*ln(hardness)+1.1648)	Phosphorus		0.11	Uranium				
		Sulfate			Zinc	T VS SSE*	T VS SSE*		
		Sulfide		0.002					

OARUA09	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		
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		7.6	
ther:		D.O. (spawning)		7.0	Beryllium			
		pH	6.5 - 9.0		Cadmium	SSE*	T VS SSE*	
	ute) = (1.136672- 0.041838]*e^(0.9789*ln(hardness)-	chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS	
.5146) ´	, , , , , , , , , , , , , , , , , , , ,	E. Coli (per 100 mL)		126	Chromium III(T)		100	
*Cadmium(chronic) = (1.101672- In(hardness)*0.041838*e^(0.7977*In(hardness)-					Chromium VI	TVS	TVS	
.5338)		Inorgan	ic (mg/L)		Copper	TVS	TVS	
	0.978*e^(0.8582*ln(hardness)+1.3610)		acute	chronic	Iron(T)		1000	
Zinc(chronic)	= 0.986*e^(0.8582*In(hardness)+1.1648	Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron		0.75	Manganese	TVS	TVS	
		Chloride			Mercury		0.01(t)	
		Chlorine	0.019	0.011	Molybdenum(T)		160	
		Cyanide	0.005		Nickel	TVS	TVS	
		Nitrate	100		Selenium	TVS	TVS	
		Nitrite		0.05	Silver	TVS	TVS(tr)	
		Phosphorus		0.11	Uranium			
		Sulfate			Zinc	T VS SSE*	TVSSE*	
		Sulfide		0.002				

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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.

EXHIBIT 9 RIO GRANDE SILVER, INC.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 36 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR RIO GRANDE BASIN

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36.6 TABLES

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(4) Additional Site-Specific Criteria

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(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 12/31/20203

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 1/1/20244

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/chronic)=TVS Manganese(acute/chronic)=TVS Silver(acute)=TVS Zinc(acute/chronic)=TVS

Tier 1 standards effective 1/1/2019 through 12/31/20230

West Willow

Cadmium(acute/chronic)=163 / 21 ug/L Copper(acute/chronic)=227 / 8.9 ug/L Lead(acute/chronic)=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/chronic)=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/chronic)=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/chronic)=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 1/1/20241

West Willow

Low flow (August-March):

Cadmium(acute/chronic)=67 / 50 ug/L Copper(acute/chronic)=17.6 / 15.0 ug/L Lead(acute/chronic)=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/chronic)=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/chronic)=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/chronic)=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/chronic)=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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36.42 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 11, 2018 RULEMAKING; FINAL ACTION AUGUST 6, 2018; EFFECTIVE DATE DECEMBER 31, 2018

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

Rio Grande Segment 4a and 7, temporary modifications and site-specific standards for certain metals. The Commission made changes to the Segment 4a and Segment 7 temporary modifications and site specific feasibility based standards that it adopted in December 2013. See, Regulation 36.35.

The Segment 4a temporary modifications for chronic cadmium, chronic lead, and chronic zinc, and the Segment 7 temporary modifications for acute and chronic cadmium, acute and chronic copper, acute and chronic lead, acute silver, and acute and chronic zinc, were set to expire on 12/31/2018. The Commission allowed these temporary modifications to expire.

Site-specific feasibility based standards for Segment 4a for acute and chronic cadmium, chronic lead, chronic manganese, and acute and chronic zinc, and for Segment 7 for acute and chronic cadmium, acute and chronic copper, acute and chronic lead, acute and chronic manganese, acute silver, and acute and chronic zinc were adopted in December 2013 with two tiers. See Section 36.6(4)(b). Tier 1 was to be effective 1/1/2019 - 12/31/20. Tier 2 was to be effective 1/1/2021. The Commission retained the Tier 1 and Tier 2 standards but changed the effective dates of Tier 1 to 1/1/2019 - 12/31/23 and Tier 2 to 1/1/2024 in order to allow time for the activities described at Regulation 36.35 to take place.

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 06/30/2017 12/31/2018

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River Basin

CORGRG04A	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		
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02	
Qualifiers:		D.O. (spawning)		7.0	Beryllium			
Other:		рН	6.5 - 9.0		Cadmium	varies*	varies*	
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium III		TVS	
' '	n) = current conditions	E. Coli (per 100 mL)		126	Chromium III(T)	50		
Cadmium(chronic) = current condition					Chromium VI	TVS	TVS	
Lead(chronic) = current condition		Inorganic (mg/L)			Copper	TVS	TVS	
Zinc(chronic) =	-current condition		acute	chronic	Iron		WS	
Expiration Date	e of 12/31/2018	Ammonia	TVS	TVS	Iron(T)		1000	
Arsenic(chronic	c) = hybrid	Boron		0.75	Lead	TVS	varies*	
Expiration Date	e of 12/31/2021	Chloride		250	Manganese	TVS	varies*	
	te) = See 36.6(4) for site-specific	Chlorine	0.019	0.011	Mercury(T)		0.01	
	assessment locations. onic) = See 36.6(4) for site-specific	Cyanide	0.005		Molybdenum(T)		160	
standards and	assessment locations.	Nitrate	10		Nickel	TVS	TVS	
	= See 36.6(4) for site-specific assessment locations.	Nitrite		0.05	Selenium	TVS	TVS	
*Manganese(chronic) = See 36.6(4) for site-specific standards and assessment locations. *Zinc(acute) = See 36.6(4) for site-specific standards and assessment locations. *Zinc(chronic) = See 36.6(4) for site-specific standards and assessment locations.		Phosphorus			Silver	TVS	TVS(tr)	
		Sulfate		WS	Uranium			
		Sulfide		0.002	Zinc	varies*	varies*	

REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Rio Grande River Basin

of East and West Willow Creeks, to the confluence w	Physical and	Biological		Metals (ug/L)			
Designation Agriculture	i nyoloal ana	DM	MWAT		acute	chronic	
UP Aq Life Cold 2	Temperature °C	CS-II	CS-II	Aluminum			
Recreation E		acute	chronic	Arsenic	340		
Qualifiers:	D.O. (mg/L)		6.0	Arsenic(T)		100	
Other:	D.O. (spawning)		7.0	Beryllium			
	pH	6.5 - 9.0		Cadmium	varies*	varies*	
Temporary Modification(s): Ammonia(ac/ch) = current conditions*	chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS	
Cadmium(ac/ch) = varies*	E. Coli (per 100 mL)		126	Chromium III(T)		100	
Copper(ac/ch) = varies*				Chromium VI	TVS	TVS	
Lead(ac/ch) = varies*	Inorgani	ic (mg/L)		Copper	varies*	varies*	
Silver(acute) = varies*	. 3.	acute	chronic	Iron(T)		1000	
Zinc(ac/ch) = varies*	Ammonia	TVS	TVS	Lead	varies*	varies*	
Expiration Date of 12/31/2018	Boron		0.75	Manganese	varies*	varies*	
*chlorophyll a (mg/m²)(chronic) = applies only above	Chloride			Mercury(T)		0.01	
the facilities listed at 36.5(4).	Chlorine		0.011	Molybdenum(T)		160	
*Phosphorus(chronic) = applies only above the facilities listed at 36.5(4).	Cyanide	0.005		Nickel	TVS	TVS	
*Cadmium(acute) = See 36.6(4) for temporary modifications, site-specific standards and	Nitrate	100		Selenium	TVS	TVS	
assessment locations.	Nitrite		10	Silver	varies*	TVS	
Cadmium(chronic) = See 36.6(4) for temporary modifications, site-specific standards and	Phosphorus		0.11	Uranium			
assessment locations. *Copper(acute) = See 36.6(4) for temperary	Sulfate			Zinc	varies*	varies*	
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. "Lead(chronic) = See 36.6(4) for 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: Ammonia = Willow below Creede WWTF. "TempMod: Cadmium = See 36.6(4) for temporary modifications 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: Cadmium = See 36.6(4) for temporary modifications and assessment locations. "TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations. "TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations. "TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations. "TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations. "TempMod: Silver = See 36.6(4) for temporary modifications and assessment locations.							

tr = trout