# COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

# WATER QUALITY CONTROL COMMISSION

5 CCR 1002-36

#### REGULATION NO. 36 CLASSIFICATIONS AND NUMERIC STANDARDS FOR <u>RIO GRANDE BASIN</u>

APPENDIX 36-1 Stream Classifications and Water Quality Standards Tables

Effective 12/31/2023

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

	to the rate charace, including all we	tlands, within the Weminuche Wild	Jenness Area.					
CORGRG01 Classifications		Physical and	Physical and Biological Metals (ug/L)			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340		
	Recreation E		acute	chronic	Arsenic(T)		0.02	
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS	
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0		
Other:		рН	6.5 - 9.0		Chromium III		TVS	
		chlorophyll a (mg/m <sup>2</sup> )		TVS	Chromium III(T)	50		
*Phosphorus( facilities listed	chronic) = applies only above the at 36.5(4).	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS	
	te) = See $36.5(3)$ for details.				Copper	TVS	TVS	
*Uranium(chro	onic) = See 36.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS	
			acute	chronic	lron(T)		1000	
		Ammonia	TVS	TVS	Lead	TVS	TVS	
		Boron		0.75	Lead(T)	50		
		Chloride		250	Manganese	TVS	TVS/WS	
		Chlorine	0.019	0.011	Mercury(T)		0.01	
		Cyanide	0.005		Molybdenum(T)		150	
		Nitrate	10		Nickel	TVS	TVS	
		Nitrite		0.05	Nickel(T)		100	
		Phosphorus		TVS*	Selenium	TVS	TVS	
		Sulfate		WS	Silver	TVS	TVS(tr)	
		Sulfide		0.002	Uranium	varies*	varies*	
		Sunde		0.002	Zinc	TVS	TVS	
2 Mainstem o	f the Rio Grande, including all tributa	aries and wetlands, from the source	e to a point immedia	ately above t				
segments 1 ar								
CORGRG02	Classifications	Physical and	Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340		
	Recreation E		acute	chronic	Arsenic(T)		0.02	
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS	
Qualifiers:								
		D.O. (spawning)		7.0	Cadmium(T)	5.0		
Other:		D.O. (spawning) pH	 6.5 - 9.0	7.0	Cadmium(T) Chromium III	5.0	 TVS	
	odification(s):							
Temporary M		рН	6.5 - 9.0		Chromium III		TVS	
Temporary M Arsenic(chron		pH chlorophyll a (mg/m <sup>2</sup> )	6.5 - 9.0 	 TVS	Chromium III Chromium III(T)	 50	TVS 	
Temporary M Arsenic(chroni Expiration Dat	ic) = hybrid ee of 12/31/2024	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0 	 TVS	Chromium III Chromium III(T) Chromium VI	 50 TVS	TVS  TVS	
Temporary M Arsenic(chroni Expiration Dat	ic) = hybrid e of 12/31/2024 chronic) = applies only above the	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0  	 TVS	Chromium III Chromium III(T) Chromium VI Copper	 50 TVS TVS	TVS  TVS TVS	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed	ic) = hybrid e of 12/31/2024 chronic) = applies only above the	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0   ic (mg/L)	 TVS 126	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	 50 TVS TVS 	TVS  TVS TVS WS	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4).	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	6.5 - 9.0   ic (mg/L) acute	 TVS 126 chronic	Chromium III Chromium III(T) Chromium VI Copper Iron	 50 TVS TVS 	TVS  TVS TVS WS 1000	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0   ic (mg/L) acute TVS	 TVS 126 chronic TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	 50 TVS TVS  TVS	TVS  TVS TVS WS 1000 TVS	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0   iic (mg/L) acute TVS  	 TVS 126 <b>chronic</b> TVS 0.75 250	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	 50 TVS TVS   TVS 50	TVS  TVS TVS WS 1000 TVS 	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0   ic (mg/L) acute TVS   0.019	 TVS 126 chronic TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	 50 TVS TVS  TVS 50 TVS	TVS  TVS TVS WS 1000 TVS  TVS/WS	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0   iic (mg/L) TVS  0.019 0.005	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 50 TVS TVS  TVS 50 TVS  	TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01 150	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0   ic (mg/L) acute TVS  0.019 0.005 10	 TVS 126 chronic TVS 0.75 250 0.011 	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	 50 TVS TVS  TVS 50 TVS  TVS	TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01 150 TVS	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0   iic (mg/L) acute TVS  0.019 0.005 10 	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011   0.05	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	 50 TVS TVS  TVS 50 TVS  TVS  TVS	TVS  TVS TVS WS 1000 TVS  TVS/WS 0.01 150 TVS 100	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0   iic (mg/L) TVS  0.019 0.005 10  10 	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011  0.05 TVS*	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 50 TVS TVS  TVS 50 TVS  TVS  TVS	TVS  TVS WS 1000 TVS  TVS/WS 0.01 150 TVS 100 TVS	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0   iic (mg/L) T∨S  0.019 0.005 10   	 TVS 126 Chronic TVS 0.75 250 0.011  0.05 TVS* WS	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	 50 TVS TVS  TVS 50 TVS  TVS  TVS TVS	TVS TVS TVS TVS TVS/WS TVS/WS TVS/WS TVS TVS TVS TVS TVS TVS TVS(tr)	
Temporary M Arsenic(chroni Expiration Dat *Phosphorus(o facilities listed *Uranium(acut	ic) = hybrid te of 12/31/2024 chronic) = applies only above the at 36.5(4). te) = See 36.5(3) for details.	pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0   iic (mg/L) TVS  0.019 0.005 10  10 	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011  0.05 TVS*	Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	 50 TVS TVS  TVS 50 TVS  TVS  TVS	TVS  TVS WS 1000 TVS  TVS/WS 0.01 150 TVS 100 TVS	

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

3. Mainstem of North Clear Creek from the outle				Ĩ		
CORGRG03 Classifications	Physical and				Metals (ug/L)	
Designation Agriculture	<b>T</b> ( 10)	DM	MWAT		acute	chronic
Reviewable Aq Life Cold 2 Recreation E	Temperature °C	CS-II	CS-II	Arsenic	340	
		acute	chronic	Arsenic(T)		7.6
Qualifiers:	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Fish Ingestion Standards Apply	D.O. (spawning)		7.0	Chromium III	TVS	TVS
Other:	pH	6.5 - 9.0		Chromium III(T)		100
* $I_{\text{ranium}(aquita)} = Sac 26 E(2)$ for dotails	chlorophyll a (mg/m <sup>2</sup> )		TVS	Chromium VI	TVS	TVS
*Uranium(acute) = See 36.5(3) for details. *Uranium(chronic) = See 36.5(3) for details.	E. coli (per 100 mL)		126	Copper	TVS	TVS
$\operatorname{Oranium}(\operatorname{Chrome}) = 3ee 30.3(3) \operatorname{for details}.$				Iron(T)		1000
	Inorgan	ic (mg/L)		Lead	TVS	TVS
		acute	chronic	Manganese	TVS	TVS
	Ammonia	TVS	TVS	Mercury(T)		0.01
	Boron		0.75	Molybdenum(T)		150
	Chloride			Nickel	TVS	TVS
	Chlorine	0.019	0.011	Selenium	TVS	TVS
	Cyanide	0.005		Silver	TVS	TVS(tr)
	Nitrate	100		Uranium	varies*	varies*
	Nitrite		0.05	Zinc	TVS	TVS
	Phosphorus		TVS			
	Sulfate					
	Sulfide		0.002			
4a. Mainstem of the Rio Grande from a point im		Willow Creek to a p		ately above the confluence	with the South Fork	Rio Grande.
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	Arsenic	340	
Recreation E		acute	chronic	Arsenic(T)		0.02
Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	varies*
Qualifiers:	D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:	pH	6.5 - 9.0		Chromium III		TVS
	chlorophyll a (mg/m <sup>2</sup> )		TVS	Chromium III(T)	50	
Temporary Modification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chronic) = hybrid			120	Copper	TVS	TVS
Expiration Date of 12/31/2024	Increase	ie (ma/l)		Iron	100	WS
*Cadmium(chronic) = See 36.6(4) for site-specifi standards and assessment locations.	c Inorgan	ic (mg/L)		lron(T)		1000
*Uranium(acute) = See 36.5(3) for details.		acute	chronic			
*Uranium(chronic) = See 36.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
*Zinc(acute) = See 36.6(4) for site-specific	Boron		0.75	Lead(T)	50	
standards and assessment locations. *Zinc(chronic) = See 36.6(4) for site-specific	Chloride		250	Manganese	TVS	TVS/WS
standards and assessment locations.	Chlorine	0.019	0.011	Mercury(T)		0.01
	Cyanide	0.005		Molybdenum(T)		150
	Nitrate	10		Nickel	TVS	TVS
	Nitrite		0.05	Nickel(T)		100
	Phosphorus			Selenium	TVS	TVS
	Cultota		WS	Silver	TVS	TVS(tr)
	Sulfate					
	Sulfide		0.002	Uranium	varies*	varies*

#### REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Alamosa River/La Jara Creek/Conejos River Basins

12. Mainstem	n of La Jara Creek from immediately a						
CORGAL12	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Water Supply		acute	chronic	Arsenic(T)		0.02
	Recreation E	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Water + Fish	n Standards Apply	chlorophyll a (mg/m <sup>2</sup> )		TVS	Chromium III		TVS
Other:		E. coli (per 100 mL)		126	Chromium III(T)	50	
Temporary M	Modification(s):	Inorgani	c (mg/L)		Chromium VI	TVS	TVS
Arsenic(chror			acute	chronic	Copper	TVS	TVS
Expiration Da	ate of 12/31/2024	Ammonia	TVS	TVS	Iron		WS
		Boron		0.75	Iron(T)		1000
Discharger S	pecific Variance(s):	Chloride		250	Lead	TVS	TVS
	) = See Section 36.6(6) the variance for the Town	Chlorine	0.019	0.011	Lead(T)	50	
of La Jara.	the variance for the rown	Cyanide	0.005		Manganese	TVS	TVS/WS
Expiration Da	ate of 12/31/2025	Nitrate	10		Manganese(T)		200
	(chronic) = applies only above the	Nitrite		0.05	Mercury(T)		0.01
facilities listed *Uranium(acu	d at 36.5(4). ute) = See 36.5(3) for details.	Phosphorus		TVS*	Molybdenum(T)		150
·	ronic) = See $36.5(3)$ for details.	Sulfate		WS	Nickel	TVS	TVS
Granium(orm		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Uranium	Valies	
					Zinc	TVS	TVS
13. Mainstem	n of Hot Creek from the source to the	confluence with La Jara Creek.					
13. Mainstem CORGAL13	n of Hot Creek from the source to the Classifications	confluence with La Jara Creek. Physical and	Biological				
	Classifications		Biological DM	MWAT		TVS	
CORGAL13	Classifications		-	MWAT CS-II		TVS Metals (ug/L)	TVS
CORGAL13 Designation	Classifications Agriculture	Physical and	DM		Zinc	TVS Metals (ug/L) acute	TVS chronic
CORGAL13 Designation	Classifications Agriculture Aq Life Cold 1	Physical and	DM CS-II	CS-II	Zinc	TVS Metals (ug/L) acute 340	TVS chronic 
CORGAL13 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	CS-II chronic	Zinc Arsenic Arsenic(T)	TVS Metals (ug/L) acute 340 	TVS chronic  0.02
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	Zinc Arsenic Arsenic(T) Cadmium	TVS Metals (ug/L) acute 340  TVS	TVS chronic  0.02 TVS
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	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T)	TVS Metals (ug/L) 340  TVS 5.0	TVS chronic  0.02 TVS 
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary N	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 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	TVS Metals (ug/L) 340  TVS 5.0 	TVS chronic  0.02 TVS  TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror	Classifications Agriculture 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)	DM CS-II acute  6.5 - 9.0 	CS-II chronic 6.0 7.0  TVS	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS Metals (ug/L) acute 340 TVS 5.0 50	TVS chronic  0.02 TVS  TVS 
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL)	DM CS-II acute  6.5 - 9.0  	CS-II chronic 6.0 7.0  TVS	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	TVS Metals (ug/L)  Metals (ug/L)	TVS chronic  0.02 TVS  TVS  TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the	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  TVS	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper	TVS       Metals (ug/L)       acute       340          TVS          5.0          5.0       TVS       TVS       TVS	TVS chronic  0.02 TVS  TVS  TVS TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL)	DM CS-II acute  6.5 - 9.0   c (mg/L)	CS-II chronic 6.0 7.0  TVS 126	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron	TVS       Metals (ug/L)       acute       340          TVS       5.0       5.0       TVS       TVS       TVS       TVS          TVS          TVS	TVS chronic  0.02 TVS  TVS  TVS XVS WS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4).	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL) Inorgani	DM CS-II acute  6.5 - 9.0  c (mg/L) acute	CS-II chronic 6.0 7.0  TVS 126 chronic	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T)	TVS       Metals (ug/L)       acute       340          340          5.0       5.0       TVS       5.0       TVS       TVS       5.0       TVS	TVS chronic  0.02 TVS  TVS TVS TVS WS 1000
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m <sup>2</sup> ) E. coli (per 100 mL) Inorgani Ammonia	DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS       Metals (ug/L)       acute       340          TVS       5.0          5.0       TVS	TVS chronic  0.02 TVS  TVS  TVS VS VS 1000 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron Chloride	DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  TVS	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron Iron(T) Lead Lead(T)	TVS       Metals (ug/L)       acute       340          340          TVS          50       TVS          TVS          TVS          TVS          TVS          TVS          TVS          TVS	TVS chronic  0.02 TVS  TVS  TVS WS 1000 TVS 
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine	DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011	Zinc Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS       Metals (ug/L)       acute       340          340          5.0       5.0       1       5.0       1       5.0       1       1       5.0       1       1       5.0       1	TVS chronic 0.02 TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide	DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250	Zinc Zinc Arsenic Arsenic(T) Cadmium 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          340          TVS       5.0       TVS       10       TVS       10       TVS       10       TVS       11       12       12       13       14       15       15       15       15       15       15       15       15       15       15       15       15       15       16       16       17       17       16       17       17       16       17       17       18       19       10       10       10       11       12       13       14       14       15       16       16       17       16       17       16       16       17       16       16	TVS  chronic   0.02  TVS   TVS   TVS  WS  1000  TVS   TVS/WS  0.01  150
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate	DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) acute TVS  0.019 0.005 10	CS-II chronic 6.0 7.0 TVS 126 chronic TVS 0.75 250 0.011 	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS       Metals (ug/L)       acute       340          340          TVS       50       TVS          TVS          TVS          TVS   -	TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite	DM CS-II acute  6.5 - 9.0  c (mg/L) acute TVS  0.019 0.005 10 	CS-II chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011  0.05	Zinc Arsenic Arsenic(T) 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       Metals (ug/L)       acute       340          340	TVS  chronic   0.02  TVS   TVS   TVS   TVS   TVS   TVS   TVS   TVS   TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	DM CS-II acute  6.5 - 9.0  (mg/L) c (mg/L) acute TVS  0.019 0.005 10  10	CS-II chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011  0.05 TVS*	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS       Metals (ug/L)       acute       340          340          TVS       5.0          5.0       TVS	TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chlorine         Cyanide         Nitrate         Nitrite         Phosphorus         Sulfate	DM CS-II acute  6.5 - 9.0  c (mg/L) c (mg/L) C (mg/L) acute TVS  0.019 0.005 10  10 	CS-II chronic 6.0 7.0 TVS 126 Chronic CVS 0.75 250 0.011  0.05 TVS* WS	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium Silver	TVS       Metals (ug/L)       acute       340          340          TVS       50       TVS	TVS  chronic   0.02  TVS   TVS
CORGAL13 Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chror Expiration Da *Phosphorus( facilities listed *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid ate of 12/31/2024 (chronic) = applies only above the d at 36.5(4). ute) = See 36.5(3) for details.	Physical and         Temperature °C         D.O. (mg/L)         D.O. (spawning)         pH         chlorophyll a (mg/m²)         E. coli (per 100 mL)         Inorgani         Ammonia         Boron         Chloride         Chloride         Nitrate         Nitrite         Phosphorus	DM CS-II acute  6.5 - 9.0  (mg/L) c (mg/L) acute TVS  0.019 0.005 10  10	CS-II chronic 6.0 7.0 TVS 126 Chronic TVS 0.75 250 0.011  0.05 TVS*	Zinc Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS       Metals (ug/L)       acute       340          340          TVS       5.0          5.0       TVS	TVS

### REGULATION #36 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Closed Basin-San Luis Valley River Basin

	in or eaguation ereer, meraaling an a	ributaries and wetlands, from a poin	i juot bolon the con	indence with	TOTA CIEEK TO TIWY 205.		
CORGCB12C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		рН	6.5 - 9.0		Chromium III		TVS
Temporary M	lodification(s):	chlorophyll a (mg/m <sup>2</sup> )		TVS	Chromium III(T)	50	
Arsenic(chron		E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2024				Copper	TVS	TVS
*! !!	ita) - Caa 26 E(2) far dataila	Inorgan	ic (mg/L)		Iron		WS
	ite) = See $36.5(3)$ for details. onic) = See $36.5(3)$ for details.		acute	chronic	Iron(T)		1000
Uranium(cmc	O(10) = 300.3(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	TVS/WS
		Chlorine	0.019	0.011	Mercury(T)		0.01
		Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		TVS	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
				0.002	Zinc	TVS	TVS
		to the confluence with San Luis Creations where an of the Rio Grande Nations			rom its source at Russel	I Springs to the confluer	nce with La
CORGCB13	Classifications	Physical and				Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)					
0	mater Cappiy	- ( 3- /		5.0	Cadmium	TVS	TVS
Qualifiers:		pH	 6.5 - 9.0	5.0	Cadmium Cadmium(T)	TVS 5.0	TVS
Qualifiers: Water + Fish	Standards Apply						
Water + Fish		pH	6.5 - 9.0		Cadmium(T)	5.0	
Water + Fish		pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0 	TVS	Cadmium(T) Chromium III	5.0	TVS
Water + Fish Other:		pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0   ic (mg/L)	 TVS 126	Cadmium(T) Chromium III Chromium III(T) Chromium VI	5.0  50 TVS	 TVS  TVS
Water + Fish Other: Temporary M Arsenic(chron	Standards Apply Nodification(s): hic) = hybrid	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	6.5 - 9.0  ic (mg/L) acute	TVS 126 chronic	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	5.0  50	 TVS  TVS TVS
Water + Fish Other: Temporary M Arsenic(chron	Standards Apply	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0   ic (mg/L)	TVS 126 chronic TVS	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0  50 TVS TVS	 TVS  TVS
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	Standards Apply fodification(s): hic) = hybrid te of 12/31/2024	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0  ic (mg/L) acute TVS 	 TVS 126 Chronic TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	5.0  50 TVS TVS 	 TVS  TVS TVS WS 1000
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	6.5 - 9.0  ic (mg/L) acute TVS 	 TVS 126 <b>chronic</b> TVS 0.75 250	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	5.0  50 TVS TVS  TVS	 TVS  TVS TVS WS
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply fodification(s): hic) = hybrid te of 12/31/2024	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0  ic (mg/L) T∨S  0.019	 TVS 126 <b>chronic</b> 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 
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	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	 TVS 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 000 TVS  TVS/WS
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011 	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
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite	6.5 - 9.0  ic (mg/L) TVS  0.019 0.005 10 	 TVS 126 chronic TVS 0.75 250 0.011  0.5	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	5.0  50 TVS TVS  TVS 50 TVS 	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01 150
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  ic (mg/L) T\S  0.019 0.005 10  10	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011  0.5 TVS	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 (1000) TVS  TVS/WS 0.01 150 TVS
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 10  10	 TVS 126 Chronic TVS 0.75 250 0.011  0.5 TVS 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  TVS	 TVS TVS TVS () () () () () () () () () () () () ()
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	6.5 - 9.0  ic (mg/L) T\S  0.019 0.005 10  10	 TVS 126 <b>chronic</b> TVS 0.75 250 0.011  0.5 TVS	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  TVS  TVS	 TVS TVS TVS 000 TVS  TVS/WS 0.01 150 TVS 100 TVS
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 10  10	 TVS 126 Chronic TVS 0.75 250 0.011  0.5 TVS 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 Silver	5.0  50 TVS TVS  TVS 50 TVS  TVS  TVS TVS TVS	 TVS TVS TVS WS 1000 TVS  TVS/WS 0.01 150 TVS 100 TVS 100 TVS
Water + Fish Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Standards Apply Modification(s): hic) = hybrid te of 12/31/2024 htte) = See 36.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	6.5 - 9.0  ic (mg/L) acute TVS  0.019 0.005 10 10  10	 TVS 126 Chronic TVS 0.75 250 0.011  0.5 TVS 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  TVS  TVS	 TVS TVS TVS 000 TVS  TVS/WS 0.01 150 TVS 100 TVS