

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

SUBJECT:

For consideration of adoption of:

- Revised water quality classifications, standards and designations for multiple segments in the Classifications and Numeric Standards for:
 - o San Juan River and Dolores River Basins, Regulation #34 (5 CCR 1002-34); and
 - o Gunnison and Lower Dolores River Basins, Regulation #35 (5 CCR 1002-35).
- Revisions to current temporary modifications of water quality standards for multiple segments in the Classifications and Numeric Standards for:
 - Arkansas River Basin, Regulation #32 (5 CCR 1002-32);
 - Upper Colorado River Basin and North Platte River (Planning Region 12), Regulation #33 (5 CCR 1002-33);
 - o Rio Grande Basin, Regulation #36 (5 CCR 1002-36);
 - o Lower Colorado River Basin, Regulation #37 (5 CCR 1002-37); and
 - South Platte, Laramie, Republican, Smoky Hill River Basins, Regulation #38 (5 CCR 1002-38).
- Two new discharger-specific variances in the Classifications and Numeric Standards for:
 - o Rio Grande Basin, Regulation #36 (5 CCR 1002-36); and
 - South Platte, Laramie, Republican, Smoky Hill River Basins, Regulation #38 (5 CCR 1002-38).

The commission will also consider in the scope of this hearing any updates regarding progress and data related to discharger-specific variances (DSVs), site-specific standards and associated longevity plans, and temporary modifications and the associated plans to resolve uncertainty for segments. The commission may consider modifications to or deletion of the DSVs, site-specific standards, or temporary modifications on these segments depending on the information provided. If any party believes that a modification or deletion may be appropriate, the party should address the basis for those concerns in its responsive prehearing statement.

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

- Exhibit 1 Water Quality Control Division;
- Exhibit 2 Bonita Peak Mining District Community Advisory Group;
- Exhibit 3 Homestake Mining Company;
- Exhibit 4 Mt. Emmons Mining Company;
- Exhibit 5 Southwest Colorado Outstanding Waters Coalition.



In these attachments, proposed new language is shown with <u>underlining</u> and proposed deletions are shown with <u>strikeouts</u>. Any alternative proposals related to the subject of this hearing will also be considered.

SCHEDULE OF IMPORTANT DATES

Proponent's prehearing statement due	3/2/2022 5:00 pm	Additional information below.
Party Status requests due	3/16/2022 5:00 pm	Additional information below.
Responsive prehearing statements due	4/6/2022 5:00 pm	Additional information below.
Rebuttal statements due	5/4/2022 5:00 pm	Additional information below.
Last date for submittal of motions	5/9/2022 by noon	Additional information below.
Complete Outstanding Issues Index Form	5/12/2022	Additional information below.
Notify commission office if participating in prehearing conference	5/13/2022 by noon	Send email to cdphe.wqcc@state.co.us with participant(s) name(s)
Prehearing Conference (mandatory for parties)	5/17/2022 1:00 pm	Remote Via Zoom Additional Information below.
Negotiations cutoff	5/25/2022	N/A
Consolidated Proposal	6/2/2022	N/A
Rulemaking Hearing	6/13/2022— 6/14/2022 9:00 am	Sabin Cleere Conference Room Department of Public Health and Environment 4300 Cherry Creek Drive South Denver, CO 80246 Or Remote Via Zoom

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. Submittals 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 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.

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. Following the deadline to request party status, a Zoom link to attend the prehearing conference will be provided to all those who request party status.

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 June 1, 2022.

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.

Dated this 15th day of February 2022 at Denver, Colorado.

WATER QUALITY CONTROL COMMISSION

Jeremy Neustifter, Administrator

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

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

32.69 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of all temporary modifications to determine whether the temporary modifications should be modified, eliminated, or extended.

1. Temporary Modifications for Standards Other than Arsenic

There are currently no temporary modifications for standards other than arsenic.

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 32.63, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24) were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 32.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-33

REGULATION NO. 33
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
UPPER COLORADO RIVER BASIN AND
NORTH PLATTE RIVER (PLANNING REGION 12)

APPENDIX 33-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/20219/30/2022

Abbreviations and Acronyms

Aq °C Aquatic =

degrees Celsius

CL cold lake temperature tier CLL cold large lake temperature tier CS-I cold stream temperature tier one CS-II cold stream temperature tier two

D.O. dissolved oxygen

DM daily maximum temperature DUWS direct use water supply

E. coli Escherichia coli EQ existing quality mg/L milligrams per liter

mg/m² milligrams per square meter

mĹ

MWAT maximum weekly average temperature

OW outstanding waters

sculpin SC

SSE site-specific equation total recoverable Т

total t = tr trout

TVS = table value standard micrograms per liter μg/L = UP use-protected WS water supply =

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

WL warm lake temperature tier

COUCBL14	Classifications	Physical and	Biological		1	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:		pН	6.5 - 9.0		Chromium III		TVS		
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	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		
Molybdenum(chronic) = current	Inorgan	ic (mg/L)	Iron		WS			
	te of- 6/30/2023 12/31/2023		acute	chronic	Iron(T)		1000		
•		Ammonia	TVS	TVS	Lead	TVS	TVS		
	(mg/m^2) (chronic) = applies only above sted at 33.5(4).	Boron		0.75	Lead(T)	50			
Phosphorus(acilities listed	chronic) = applies only above the	Chloride		250	Manganese	TVS	TVS/WS		
	te) = See 33.5(3) for details.	Chlorine	0.019	0.011	Mercury(T)		0.01		
Uranium(chro	onic) = See 33.5(3) for details.	Cyanide	0.005		Molybdenum(T)		210		
TempMod: M	lolybdenum = Adopted 6/9/2014	Nitrate	10		Nickel	TVS	TVS		
		Nitrite		0.05	Nickel(T)		100		
		Phosphorus		0.11*	Selenium	TVS	TVS		
		Sulfate		WS	Silver	TVS	TVS(tr)		
		Sulfide		0.002	Uranium	varies*	varies*		
					Zinc	TVS	TVS/TVS(sc)		

		diately above the confidence wit	ii oak olook to a p	Joint Illineur	ately below the confluence	with Eiknead Creek.	
COUCYA02B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	varies*	varies*	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium III(T)	50	
Arsenic(chroni	* *	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
	IWAT) = current				Copper	TVS	TVS
conditions*	e of 12/31/2024	Inorgan	c (mg/L)		Iron		WS
	6 01 12/31/2024		acute	chronic	Iron(T)		1000
'Uranium(acut	te) = See 33.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
,	onic) = See 33.5(3) for details.	Boron		0.75	Lead(T)	50	
Temperature See 33.6(4) fo	= r temperature standards.	Chloride		250	Manganese	TVS	TVS/WS
	mperature = applies from 7/1-9/30	Chlorine	0.019	0.011	Mercury(T)		0.01
and 11/1-11/30	0. Adopted 6/10/2019	Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus			Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide					
		Sullide		0.002	Uranium	varies*	varies*
		Sunde		0.002	Uranium Zinc	varies*	varies* TVS/TVS(sc)
13d. Mainstem	n of Dry Creek, including all tributaries				Zinc		
	n of Dry Creek, including all tributaries Classifications		above the conflue		Zinc		
	1	and wetlands, from the source to	above the conflue		Zinc	TVS	TVS/TVS(sc)
COUCYA13D	Classifications	and wetlands, from the source to	above the conflue	ence with Ter	Zinc	TVS Metals (ug/L)	
COUCYA13D Designation	Classifications Agriculture	and wetlands, from the source to Physical and	above the conflue Biological DM	ence with Ter	Zinc mple Gulch.	TVS Metals (ug/L) acute	TVS/TVS(sc)
COUCYA13D Designation JP	Classifications Agriculture Aq Life Warm 2	and wetlands, from the source to Physical and	o above the conflue Biological DM WS-II	MWAT WS-II	Zinc mple Gulch. Arsenic	TVS Metals (ug/L) acute 340	TVS/TVS(sc)
COUCYA13D Designation	Classifications Agriculture Aq Life Warm 2	and wetlands, from the source to Physical and Temperature °C	b above the conflue Biological DM WS-II acute	MWAT WS-II chronic	Zinc mple Gulch. Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic
Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L)	o above the conflue Biological DM WS-II acute	MWAT WS-II chronic 5.0	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium	TVS Metals (ug/L) acute 340 TVS	chronic 100 TVS
COUCYA13D Designation JP Qualifiers: Other:	Classifications Agriculture Aq Life Warm 2 Recreation E	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS
COUCYA13D Designation JP Qualifiers: Other: Femporary Moron(chronic) =	Classifications Agriculture Aq Life Warm 2 Recreation E edification(s): - current condition	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Dabove the conflue Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100
COUCYA13D Designation JP Qualifiers: Other: Femporary Marron(chronic) = Expiration Dat	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition e of 6/30/2023	and wetlands, from the source to 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 c (mg/L)	MWAT WS-II chronic 5.0 150 126	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS
COUCYA13D Designation JP Qualifiers: Other: Femporary Meron(chronic) = Expiration Date 'Iron(T)(chronic)	Classifications Agriculture Aq Life Warm 2 Recreation E edification(s): - current condition	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Dabove the conflue Biological DM WS-II acute 6.5 - 9.0	MWAT WS-II chronic 5.0 150	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS 100 TVS
COUCYA13D Designation JP Qualifiers: Other: Femporary Marron(chronic) = Expiration Date of the control of the c	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): current condition of 6/30/2023 ic) = See section 33.6(4) for	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani	Dabove the conflue Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute	MWAT WS-II chronic 5.0 150 126 chronic	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T)	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS 100 TVS varies*
COUCYA13D Designation JP Qualifiers: Other: Femporary Marron(chronic) = Expiration Dat Iron(T)(chronistandards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): current condition e of 6/30/2023 ic) = See section 33.6(4) for assessment locations.	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani	Dabove the conflue Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS	MWAT WS-II chronic 5.0 150 126 chronic TVS	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS Varies* TVS
COUCYA13D Designation JP Qualifiers: Other: Comporary Marcon(chronic) = Expiration Dat Ilron(T)(chronistandards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition of 6/30/2023 ic) = See section 33.6(4) for assessment locations. ie) = See 33.5(3) for details.	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron Chloride	b above the conflue 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	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS TVS TVS TVS TVS Varies* TVS
COUCYA13D Designation JP Qualifiers: Other: Comporary Marcon(chronic) = Expiration Dat Ilron(T)(chronistandards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition of 6/30/2023 ic) = See section 33.6(4) for assessment locations. ie) = See 33.5(3) for details.	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	o above the conflue 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	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS/TVS(sc) chronic 100 TVS TVS 100 TVS TVS Varies* TVS TVS 0.01 150
COUCYA13D Designation JP Qualifiers: Other: Comporary Marcon(chronic) = Expiration Dat Ilron(T)(chronistandards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition of 6/30/2023 ic) = See section 33.6(4) for assessment locations. ie) = See 33.5(3) for details.	and wetlands, from the source to Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	above the conflue Biological DM WS-II acute 6.5 - 9.0 c (mg/L) acute TVS 0.019 0.005	MWAT WS-II chronic 5.0 126 Chronic TVS 0.75 0.011	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS	TVS/TVS(sc) chronic 100 TVS TVS 100 TVS TVS Varies* TVS 0.01 150 TVS
COUCYA13D Designation JP Qualifiers: Other: Femporary Marron(chronic) = Expiration Dat Iron(T)(chronistandards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition of 6/30/2023 ic) = See section 33.6(4) for assessment locations. ie) = See 33.5(3) for details.	and wetlands, from the source to 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	above the conflue 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	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute 340 TVS	TVS/TVS(sc) chronic 100 TVS TVS 100 TVS TVS Varies* TVS 0.01 150 TVS TVS
COUCYA13D Designation JP Qualifiers: Other: Femporary Marron(chronic) = Expiration Dat Iron(T)(chronistandards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition of 6/30/2023 ic) = See section 33.6(4) for assessment locations. ie) = See 33.5(3) for details.	and wetlands, from the source to 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	o above the conflue 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 0.05	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS Metals (ug/L) acute 340 TVS	TVS/TVS(sc) chronic 100 TVS TVS 100 TVS Varies* TVS 0.01 150 TVS TVS TVS
COUCYA13D Designation JP Qualifiers: Other: Femporary Marron(chronic) = Expiration Date Ilron(T)(chronic) standards and Uranium(acut	Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): - current condition of 6/30/2023 ic) = See section 33.6(4) for assessment locations. ie) = See 33.5(3) for details.	and wetlands, from the source to 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	above the conflue 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	Zinc mple Gulch. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute 340 TVS	chronic 100 TVS TVS 100 TVS TVS Varies* TVS 0.01

sc = sculpin

13e. Mainsterr	n of Sage Creek, including all tributaries	and wetlands, from the source to the	ne confluence wit	th the Yampa	a River.		
	Classifications	Physical and Bio			Ī	etals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Water Supply	<u> </u>	acute	chronic	Arsenic(T)		0.02-10 A
	Recreation N	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m²)			Chromium III		TVS
Temporary Me	odification(s):	E. coli (per 100 mL)		630	Chromium III(T)	50	
	onic) = current conditions*	Inorganic (mg/L)		Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2022 12/31/2023		acute	chronic	Copper	TVS	TVS
*Iron(T)(chroni	ic) = See section 33.6(4) for standards	Ammonia	TVS	TVS	Iron		ws
	ent locations for Sage Creek.	Boron		0.75	Iron(T)		1000
,	te) = See 33.5(3) for details.	Chloride		250	Iron(T)		varies*
•	onic) = See 33.5(3) for details.	Chlorine	0.019	0.011	Lead	TVS	TVS
* i empivioa: Se	elenium = Adopted 6/9/2014	Cyanide	0.005		Lead(T)	50	
		Nitrate	10		Manganese	TVS	TVS/WS
		Nitrite		0.05	Mercury(T)		0.01
		Phosphorus		0.17	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS
	aries to Fish Creek from the confluence	1		the confluer			
	Classifications	Physical and Bio			M	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1 Recreation E	Temperature °C	WS-II	WS-II	Arsenic	340	
Qualifiers:	Recreation E	D.O. (#)	acute	chronic	Arsenic(T)		7.6
		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0	450	Chromium III	TVS	TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)		100
`	onic) = current conditions*	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	re of 12/31/2022 12/31/2023	Inorganic (-1	Copper	TVS	TVS
*Uranium(acut	te) = See 33.5(3) for details.		acute	chronic	Iron(T)	TVS	1000
*Uranium(chro	onic) = See 33.5(3) for details.	Ammonia	TVS	TVS	Lead		TVS
*TempMod: Se	elenium = Adopted 6/9/2014	Boron		0.75	Manganese Mercury(T)	TVS 	TVS 0.01
		Chloride	0.010	0.011	Molybdenum(T)		150
		Chlorine Cyanide	0.019	0.011	Nickel	TVS	TVS
					Selenium	TVS	TVS
		Nitrate	100		Silver	TVS	TVS
		Nitrite		0.05		varies*	
		Phosphorus		0.17	Uranium	varies*	varies*
		Sulfate		0.002	Zinc	175	175
		Sulfide		0.002			

COUCYA13I	Classifications	Physical and	Biological			Metals (ug/L)	
Designation		,	DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation N		acute	chronic	Arsenic(T)		100
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
	Additiontion(a):	chlorophyll a (mg/m²)			Chromium III(T)		100
	<pre>dodification(s):</pre>	E. coli (per 100 mL)		630	Chromium VI	TVS	TVS
,	te of 6/30/2023	Inorgan	ic (mg/L)		Copper	TVS	TVS
	onic) = current conditions*		acute	chronic	Iron(T)		1000
•	te of 12/31/2022 <u>12/31/2023</u>	Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Manganese	TVS	TVS
-	ite) = See 33.5(3) for details.	Chloride			Mercury(T)		0.01
	onic) = See 33.5(3) for details.	Chlorine	0.019	0.011	Molybdenum(T)		150
	Selenium = Adopted 6/9/2014	Cyanide	0.005		Nickel	TVS	TVS
rompinoa. C	olomani – Naoptou 0/0/2011	Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus		0.17	Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
13j. Mainstem	n of Grassy Creek (near Hayden), in	I cluding all tributaries and wetlands, f	rom above the confl	uence with S	Scotchmans Gulch to the co	onfluence with the Yan	npa River.
	Classifications	Physical and				Metals (ug/L)	•
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation N		acute	chronic	Arsenic(T)		100
Qualifiers:							100
		D.O. (mg/L)		5.0	Cadmium	TVS	
Other:		D.O. (mg/L) pH			Cadmium Chromium III		TVS
Other:	Indification(s):			5.0		TVS	TVS TVS
Other: Temporary M	fodification(s):	pH	6.5 - 9.0	5.0	Chromium III	TVS TVS	TVS TVS 100
Other: Femporary M Selenium(chro	flodification(s): onic) = current conditions* te of 12/31/2022 12/31/2023	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	 6.5 - 9.0 	5.0	Chromium III Chromium III(T)	TVS TVS 	TVS TVS 100 TVS TVS
Other: Temporary Modelenium(chrosporation Date)	onic) = current conditions* te of 12/31/2022 12/31/2023	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0 	5.0	Chromium III Chromium III(T) Chromium VI	TVS TVS TVS	TVS TVS 100 TVS
Other: Temporary M Selenium(chro Expiration Da Uranium(acu	onic) = current conditions* te of 12/31/2022 <u>12/31/2023</u> tte) = See 33.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	 6.5 - 9.0 ic (mg/L)	5.0 630	Chromium III Chromium III(T) Chromium VI Copper	TVS TVS TVS TVS	TVS TVS 1000 TVS TVS
Other: Temporary M Selenium(chro Expiration Dar Uranium(acu Uranium(chro	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	5.0 630 chronic	Chromium III Chromium III(T) Chromium VI Copper Iron(T)	TVS TVS TVS TVS	TVS TVS 1000 TVS 1000 TVS
Other: Temporary M Selenium(chro Expiration Dar Uranium(acu Uranium(chro	onic) = current conditions* te of 12/31/2022 <u>12/31/2023</u> tte) = See 33.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L) acute TVS	5.0 630 chronic TVS	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	TVS TVS TVS TVS TVS	TVS TVS 1000 TVS 1000 TVS 1000 TVS
Other: Temporary Magnetic Magn	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(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	5.0 630 chronic TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	TVS TVS TVS TVS TVS TVS TVS	TVS TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS 0.01
Other: Temporary M Selenium(chro Expiration Dar Uranium(acu Uranium(chro	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(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 	5.0 630 chronic TVS 0.75	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS TVS TVS TVS TVS TVS TVS TVS	TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01
Other: Temporary M Selenium(chro Expiration Dar Uranium(acu Uranium(chro	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	 6.5 - 9.0 ic (mg/L) acute TVS 0.019	5.0 630 chronic TVS 0.75 	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS TVS TVS TVS	TVS TVS 1000 TVS 1000 TVS 1000 TVS 0.01 150
Other: Temporary M Selenium(chro Expiration Dar Uranium(acu Uranium(chro	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(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	5.0 630 chronic TVS 0.75 0.011	Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS	TVS TVS 100 TVS TVS
Other: Temporary M Selenium(chro Expiration Dar Uranium(acu Uranium(chro	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(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	5.0 630 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 TVS 1000 TVS 1000 TVS 1000 TVS 0.01 150 TVS
Other: Femporary M Selenium(chro Expiration Da Uranium(acu	onic) = current conditions* te of 12/31/202212/31/2023 tte) = See 33.5(3) for details. onic) = See 33.5(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 ic (mg/L) acute TVS 0.019 0.005 100	5.0 630 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 Selenium Silver	TVS	TVS TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01 150 TVS TVS TVS

sc = sculpin

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

- (A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.
- (B) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 33 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR UPPER COLORADO RIVER BASIN AND NORTH PLATTE RIVER (PLANNING REGION 12)

5 CCR 1002-33

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

33.68 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of all temporary modifications to determine whether the temporary modifications should be modified, eliminated, or extended.

1. Temporary Modifications for Standards Other than Arsenic

Where evidence indicated the requirements to qualify for a temporary modification were not met, temporary modifications were deleted. Temporary modifications were deleted from the following segments:

Yampa River: 13d (COUCYA13d; iron; expires 6/30/2023), 13i (COUCYA13i; iron; expires 6/30/2023)

The commission's intent is that adequate division, commission, and stakeholder resources are available to maintain focus on work and hearings prioritized by the 10-year Water Quality Roadmap, including a rulemaking hearing to consider revisions to Regulation No. 85, Policy 17-1, and lakes nutrients criteria in November 2022. To accommodate this rulemaking hearing in November 2022, the 2022 biennial temporary modifications rulemaking hearing, which is typically held in December, was consolidated into the June 2022 rulemaking hearing. In some cases, proposals to resolve the temporary modifications could not be prepared on this accelerated timeline and additional time was needed. To allow these temporary modifications to be addressed as soon as possible, the division proposed to include these temporary modifications in the June 2023 rulemaking hearing. To facilitate this delay, temporary modifications expiring on or before June 30, 2023 needed to be extended; an expiration date of December 31, 2023 aligns with the anticipated effective date of the June 2023 rulemaking hearing. Accordingly, the commission considered the expiration dates of temporary modifications expiring on or before June 30, 2023 and extended the following temporary modifications:

The commission extended by six months the following temporary modifications:

Blue River: 14 (COUCBL14; molybdenum; expires 12/31/2023)

The commission extended by one year the following temporary modifications:

Yampa River: 13e (COUCYA13e; selenium; expires 12/31/2023), 13g (COUCYA13g; selenium; expires 12/31/2023), 13i (COUCYA13i; selenium; expires 12/31/2023), and 13j (COUCYA13j; selenium; expires 12/31/2023)

For the temporary modifications set to expire after June 30, 2023, the commission reviewed progress toward resolving the uncertainty in the underlying standard and/or the extent to which conditions are a result of natural or anthropogenic conditions, and evaluated whether the temporary modifications were still justified. The commission took no action on the following temporary modifications:

Yampa River Segment 2b (COUCYA02b): temporary modification of the chronic temperature standard (7/1-9/30, 11/1-11/30; expires 12/31/2024). The City of Steamboat Springs continues to make progress to resolve the uncertainty in the feasibility of treatment options for controlling temperature and in the temperature standards. The commission made no change to the expiration date, as the original time allotment was deemed adequate to resolve the uncertainty.

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 33.63, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24) were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 33.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS

APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/2021<u>9/30/2022</u>

Abbreviations and Acronyms

Aquatic =

Aq °C degrees Celsius

CL = cold lake temperature tier CLL cold large lake temperature tier = CS-I cold stream temperature tier one CS-II = cold stream temperature tier two

D.O. = dissolved oxygen

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality mg/L milligrams per liter

 $mg/m^2 =$ milligrams per square meter

mL

MWAT = maximum weekly average temperature

OW outstanding waters

= sculpin SC

SSE site-specific equation Т total recoverable

total t = tr trout

TVS = table value standard μg/L = micrograms per liter UP use-protected = WS = water supply

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

WL warm lake temperature tier

COSJSJ04	Classifications	Physical and	Biological		į į	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)		150	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
*I Ironium/oou	ite) = See 34.5(3) for details.	Inorganic (mg/L)			Iron		WS
,	onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oraniani(cin	orno) = 000 04.0(0) 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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

5. The East and West Forks of the San Juan River, including all tributaries and wetlands, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to the confluence of the mainstem of the San Juan River. -All tributaries and wetlands to the San Juan River from a point below the confluence with the West Fork to a point below the confluence with Fourmile Creek.

COSJSJ05	Classifications	Physical and Bio	logical		N	letals (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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III(T)	50	
Arsenic(chron	* *	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (r	ng/L)		Iron		WS
the facilities lis	sted at 34.5(5).		acute	chronic	Iron(T)		1000
*Phosphorus(of facilities listed	chronic) = applies only above the at 34.5(5).	Ammonia	TVS	TVS	Lead	TVS	TVS
	te) = See 34.5(3) for details.	Boron		0.75	Lead(T)	50	
*Uranium(chro	onic) = See 34.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

sc=sculpin

6b. Mainstem of the San Juan River from -Highway 160 in Pagosa Springs to the Southern Ute Indian Reservation Northern boundary. Mainstem of Mill Creek, including wetlands, from the source to the confluence with the San Juan River. COSJSJ06B Classifications **Physical and Biological** Metals (ug/L) MWAT Designation DM chronic Agriculture acute Reviewable Aq Life Cold 1 Temperature °C 11/1 - 3/31 CS-II CS-II 340 Arsenic Recreation F 4/1 - 10/31 varies* C Arsenic(T) 0.02 Temperature °C varies* Water Supply Cadmium TVS TVS Qualifiers: acute chronic Cadmium(T) 5.0 D.O. (mg/L) Other: 6.0 Chromium III **TVS** D.O. (spawning) 7.0 Chromium III(T) 50 *chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 34.5(5). 6.5 - 9.0 Chromium VI TVS **TVS** *Phosphorus(chronic) = applies only above the chlorophyll a (mg/m²) 150* TVS Copper **TVS** facilities listed at 34.5(5). E. coli (per 100 mL) 126 WS Iron *Uranium(acute) = See 34.5(3) for details. 1000 Iron(T) *Uranium(chronic) = See 34.5(3) for details. *Temperature(4/1 - 10/31) = San Juan River Lead TVS TVS Inorganic (mg/L) MWAT=21.4 and DM=26.2 acute chronic Lead(T) 50 Mill Creek MWAT=21.1 and DM=27.8 See Section 34.6(6) for assessment locations. TVS/WS Ammonia TVS TVS Manganese TVS Boron 0.75 Mercury(T) ---0.01 Molybdenum(T) Chloride 250 150 TVS TVS Nickel Chlorine 0.019 0.011 100 Nickel(T) Cyanide 0.005 Selenium TVS TVS Nitrate 10 0.05 Silver TVS TVS(tr) Nitrite 0.11* Uranium varies* varies* Phosphorus TVS Sulfate WS Zinc TVS(sc) Sulfide 0.002

		San Jua	an River Ba	asin			
10. Mainstem	of the Rito Blanco River. includ	ling wetlands, from Echo Ditch to the cor	nfluence with the R	io Blanco Ri	ver.		
COSJSJ10	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02-10
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
,	ite) = See 34.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Uranium(chro	onic) = See 34.5(3) for details.				Copper	TVS	TVS
		Inorgani	ic (mg/L)		Iron		WS
			acute	chronic	Iron(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
		uding wetlands, from the Southern Ute I reek, Scaggs Canyon, Sandoval Canyor					
COSJSJ11B	Classifications	Physical and I	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E 5/1 - 10	/31	acute	chronic	Arsenic(T)		0.02
	Recreation N 11/1 - 4	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
	Water Supply	pH	6.5 - 9.0		Cadmium(T)	5.0	
Qualifiers:							

COSJSJ11B	Classifications	Physic	cal and Biolog	ical		l l	Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C		WS-II	WS-II	Arsenic	340	
	Recreation E 5/1 - 10/31			acute	chronic	Arsenic(T)		0.02
	Recreation N 11/1 - 4/30	D.O. (mg/L)			5.0	Cadmium	TVS	TVS
	Water Supply	pН		6.5 - 9.0		Cadmium(T)	5.0	
Qualifiers:		chlorophyll a (mg/m²)			150	Chromium III	TVS	TVS
Other:		E. coli (per 100 mL)	5/1 - 10/31		126	Chromium III(T)		100
		E. coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
	Indian Reservation					Copper	TVS	TVS
,	te) = See 34.5(3) for details.	1	Inorganic (mg/L)			Iron		WS
*Uranium(chro	onic) = See 34.5(3) for details.			acute	chronic	Iron(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			0.17	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS
		Sulfide			0.002	Uranium	varies*	varies*
						Zinc	TVS	TVS

sc=sculpin

COSJSJ11C	Classifications	Physic	al and Biologi	cal	•		Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Arsenic	340	
	Recreation E	Temperature °C	4/1 - 10/31	25.1*	21.6* ^C	Arsenic(T)		0.02
	Water Supply					Cadmium	TVS	TVS
Qualifiers:				acute	chronic	Cadmium(T)	5.0	
Other:		D.O. (mg/L)			5.0	Chromium III		TVS
Temporary Me	odification(s):	pН		6.5 - 9.0		Chromium III(T)	50	
Arsenic(chroni	()	chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024	E. coli (per 100 mL)			126	Copper	TVS	TVS
*I Ironium/oout	e) = See 34.5(3) for details.	Inorganic (mg/L)			Iron		WS	
•	nic) = See 34.5(3) for details.			acute	chronic	Iron(T)		1000
•	4/1 - 10/31) = See Section 34.6(6) for	Ammonia		TVS	TVS	Lead	TVS	TVS
assessment lo	cations.	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			0.11	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS
		Sulfide			0.002	Uranium	varies*	varies*
						Zinc	TVS	TVS

COSJPI01	Classifications	Physical and	Biological		M	/letals (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
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chror	()	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Da	te of 12/31/2024				Copper	TVS	TVS
	O 04 5(0) fl-t-!l-	Inorgan	ic (mg/L)		Iron		WS
,	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cm)	offic) = 3ee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

COSJPI03	Classifications	Physic	al and Biologi	cal			Vietals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Arsenic	340	
	Recreation E 4/1 - 10/31			acute	chronic	Arsenic(T)		0.02
	Recreation N 11/1 - 3/31	D.O. (mg/L)			6.0	Cadmium	TVS	TVS
	Water Supply	D.O. (spawning)			7.0	Cadmium(T)	5.0	
Qualifiers:		рН		6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)			150	Chromium III(T)	50	
		E. coli (per 100 mL)	4/1 - 10/31		126	Chromium VI	TVS	TVS
•	te) = See 34.5(3) for details.	E. coli (per 100 mL)	11/1 - 3/31		630	Copper	TVS	TVS
*Uranium(chr	onic) = See 34.5(3) for details.	Inorganic (mg/L)			Iron		WS	
				acute	chronic	Iron(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			0.11	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	varies*	varies*
						Zinc	TVS	TVS(sc)

COSJPI04A	Classifications	Physic	al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-II	CS-II	Arsenic	340	
	Recreation E	Temperature °C	4/1 - 10/31	varies*	varies* C	Arsenic(T)		0.02
	Water Supply					Cadmium	TVS	TVS
Qualifiers:				acute	chronic	Cadmium(T)	5.0	
Other:		D.O. (mg/L)			6.0	Chromium III		TVS
		D.O. (spawning)			7.0	Chromium III(T)	50	
,	te) = See 34.5(3) for details.	рН		6.5 - 9.0		Chromium VI	TVS	TVS
	onic) = See 34.5(3) for details. (4/1 - 10/31) = Piedra River	chlorophyll a (mg/m²)			150	Copper	TVS	TVS
MWAT=20.7 a	and DM=26.5	E. coli (per 100 mL)			126	Iron		WS
	IWAT=19.9 and DM=26.5 34.6(6) for assessment locations.					Iron(T)		1000
	(-)	ı	norganic (mg/	L)		Lead	TVS	TVS
				acute	chronic	Lead(T)	50	
		Ammonia		TVS	TVS	Manganese	TVS	TVS/WS
		Boron			0.75	Mercury(T)		0.01
		Chloride			250	Molybdenum(T)		150
		Chlorine		0.019	0.011	Nickel	TVS	TVS
		Cyanide		0.005		Nickel(T)		100
		Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.11	Uranium	varies*	varies*
		Sulfate			WS	Zinc	TVS	TVS(sc)
		Sulfide			0.002			

5a. All tributaries to the Piedra River, including all wetlands, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with the First Fork of the Piedra River. Devil Creek, including all tributaries and wetlands, from the source to a point below the confluence with Dunagan Capyon.

COSJPI05A	Classifications	Physic	cal and Biologi	ical		r	Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C		CS-I	CS-I	Arsenic	340	
	Recreation E 5/1 - 10/31			acute	chronic	Arsenic(T)		0.02
	Recreation N 11/1 - 4/30	D.O. (mg/L)			6.0	Cadmium	TVS	TVS
	Water Supply	D.O. (spawning)			7.0	Cadmium(T)	5.0	
Qualifiers:		рН		6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)			150	Chromium III(T)	50	
emporary M	odification(s):	E. coli (per 100 mL)	5/1 - 10/31		126	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	E. coli (per 100 mL)	11/1 - 4/30		630	Copper	TVS	TVS
Expiration Dat	te of 12/31/2024		norganic (mg/	L)		Iron		WS
Hranium/acu	te) = See 34.5(3) for details.			acute	chronic	Iron(T)		1000
,	onic) = See 34.5(3) for details.	Ammonia		TVS	TVS	Lead	TVS	TVS
Oramam(cm)	offic) = 000 04.0(0) for details.	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			0.11	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	varies*	varies*
						Zinc	TVS	TVS(sc)
	ies to the Piedra River, <u>including w</u> th Devil Creek, except for the spec			confluence	with the Firs	t Fork of the Piedra River to	o a point immediately	below the
COSJPI05B	Classifications	Physic	cal and Biologi	ical		-	Wetals (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

COSJPI05B	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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	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
*! !*********	to) Coo 24 E/2) for details	Inorgan	nic (mg/L)		Iron		WS
,	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cm)	offic) = 3ee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

sc=sculpin

6a. All tributaries to the Piedra River, including all wetlands, from a point immediately below the confluence with Devil Creek to Southern Ute Indian Reservation boundary, except the specific listing in Segment 6d. COSJPI06A Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT chronic acute Aq Life Warm 2 Reviewable Temperature °C WS-II WS-II Arsenic 340 Recreation P 0.02-10 A acute chronic Arsenic(T) ---Water Supply D.O. (mg/L) 5.0 TVS TVS Cadmium Qualifiers: рΗ 6.5 - 9.0 Cadmium(T) 5.0 ---Other: chlorophyll a (mg/m2) 150* Chromium III TVS E. coli (per 100 mL) 205 Chromium III(T) 50 *chlorophyll a (mg/m²)(chronic) = applies only above Chromium VI TVS TVS Inorganic (mg/L) the facilities listed at 34.5(5). *Phosphorus(chronic) = applies only above the TVS TVS acute chronic Copper facilities listed at 34.5(5). TVS Iron WS Ammonia **TVS** *Uranium(acute) = See 34.5(3) for details. 0.75 Iron(T) 1000 'Uranium(chronic) = See 34.5(3) for details. Boron TVS Chloride TVS 250 Lead Lead(T) 50 Chlorine 0.019 0.011 Manganese TVS TVS/WS Cyanide 0.005 Nitrate 100 Mercury(T) 0.01 Molybdenum(T) 150 0.5 Nitrite Nickel TVS TVS Phosphorus 0.17* Sulfate 250 Nickel(T) 100 Selenium TVS Sulfide 0.002 **TVS** Silver TVS TVS Uranium varies* varies* TVS TVS 6c. Stollsteimer Creek, including all tributaries and wetlands, from the Southern Ute Indian Reservation boundary to the confluence with the Piedra River. COSJPI06C Classifications **Physical and Biological** Metals (ug/L) Designation DM **MWAT** chronic Agriculture acute UP Aq Life Warm 2 Temperature °C WS-II WS-II Arsenic 340 Recreation P 0.02-10 A acute chronic Arsenic(T) Water Supply 5.0 TVS D.O. (mg/L) Cadmium **TVS** Qualifiers: рН 6.5 - 9.0 ---Cadmium(T) 5.0 ---150 TVS chlorophyll a (mg/m²) Chromium III Other: E. coli (per 100 mL) 205 Chromium III(T) 50 Southern Ute Indian Reservation TVS Chromium VI TVS Inorganic (mg/L) 'Uranium(acute) = See 34.5(3) for details. Copper TVS TVS chronic acute *Uranium(chronic) = See 34.5(3) for details. TVS Iron WS Ammonia **TVS** Boron 0.25 Iron(T) 1000 TVS Chloride 250 Lead TVS Chlorine 0.019 0.011 Lead(T) 50 ---Manganese TVS TVS/WS 0.005 Cyanide Mercury(T) 0.01 Nitrate 10 0.5 Molybdenum(T) 150 Nitrite TVS TVS Phosphorus 0.17 Nickel 100 Sulfate ws Nickel(T) Sulfide 0.002 Selenium **TVS** TVS TVS TVS Silver Uranium varies* varies* Zinc **TVS** TVS

sc=sculpin

COSJPI06D	Classifications	Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C		WS-II	WS-II	Arsenic	340	
	Recreation P			acute	chronic	Arsenic(T)		100
Qualifiers:	<u> </u>	D.O. (mg/L)			5.0	Cadmium	TVS	TVS
Other:		pH		6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)			150*	Chromium VI	TVS	TVS
	a $(mg/m^2)(chronic) = applies only above isted at 34.5(5).$	E. coli (per 100 mL)			205	Copper	TVS	TVS
Phosphorus((chronic) = applies only above the	li li	norganic (mg/l	L)		Iron(T)		1000
acilities listed	d at 34.5(5). ute) = See 34.5(3) for details.		- , ,	acute	chronic	Lead	TVS	TVS
,	ronic) = See 34.5(3) for details.	Ammonia		TVS	TVS	Manganese	TVS	TVS
O'amam(om		Boron			0.75	Mercury(T)		0.01
		Chloride			250	Molybdenum(T)		150
		Chlorine		0.019	0.011	Nickel	TVS	TVS
		Cyanide		0.005		Selenium	TVS	TVS
		Nitrate		100		Silver	TVS	TVS
		Nitrite			0.5	Uranium	varies*	varies*
		Phosphorus			0.17*	Zinc	TVS	TVS
		Sulfate						
		Sulfide			0.002			
7. Hatcher Re	eservoir, Stevens Reservoir, Sullenbuge	er Reservoir, Village Lake	e and Forest La	ıke.				
COSJPI07	Classifications	Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C		WL	WL	Arsenic	340	
	Recreation E <u>32/2 - 11/30</u>			acute	chronic	Arsenic(T)		0.02
	Recreation N 12/1 - 3/1	D.O. (mg/L)			5.0	Cadmium	TVS	TVS
	Water Supply	рН		6.5 - 9.0		Cadmium(T)	5.0	
• ""	DUWS*	chlorophyll a (mg/m²)				Chromium III		TVS
Qualifiers:		E. coli (per 100 mL)	3/2 - 11/30		126	Chromium III(T)	50	
Other:		E. coli (per 100 mL)	12/1 - 3/1		630	Chromium VI	TVS	TVS
Temporary M	Modification(s):					Copper	TVS	TVS
Arsenic(chron	nic) = hybrid	lı	norganic (mg/l	L)		Iron		WS
Expiration Da	ate of 12/31/2024			acute	chronic	Iron(T)		1000
*Classification	n: DUWS applies to Hatcher and	Ammonia		TVS	TVS	Lead	TVS	TVS
Stevens Rese	•	Boron			0.25	Lead(T)	50	
•	ute) = See 34.5(3) for details. ronic) = See 34.5(3) for details.	Chloride			250	Manganese	TVS	TVS/WS
oranium(chr	101110) = See 34.3(3) TOF DETAILS.	Chlorine		0.019	0.011	Mercury(T)		0.01
		Cyanide		0.005		Molybdenum(T)		150
		Nitrate		10		Nickel	TVS	TVS
					0.5	Nickel(T)		100
		Nitrite						
		Nitrite Phosphorus				Selenium	TVS	TVS
					ws	Selenium Silver	TVS TVS	TVS TVS
		Phosphorus						

COSJPN01	Classifications	Physical and	Biological		N	letals (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
Femporary M	odification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chron	· /	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
l Ironium/oou	to) Coo 24 E/2) for details	Inorgan	ic (mg/L)		Iron		WS
,	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cm)	offic) = 3ee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

2c. Mainstem of the Los Pinos River from the Pine Ditch Diversion (37.1906, -107.58778) to above the confluence with Dry Creek. -Mainstem of Beaver Creek, including wetlands. from the boundaries boundary of the Southern Ute Indian Reservation to their confluences with the Los Pinos River. COSJPN02C Classifications **Physical and Biological** Metals (ug/L) MWAT Designation DM chronic Agriculture acute Reviewable Aq Life Cold 1 Temperature °C CS-II CS-II Arsenic 340 Recreation E acute chronic 0.02 Arsenic(T) Water Supply D.O. (mg/L) 6.0 Cadmium TVS TVS Qualifiers: D.O. (spawning) ---7.0 Cadmium(T) 5.0 рΗ 6.5 - 9.0Other: ---Chromium III TVS chlorophyll a (mg/m²) Chromium III(T) 50 *Southern Ute Indian Reservation E. coli (per 100 mL) 126 Chromium VI TVS TVS *Uranium(acute) = See 34.5(3) for details. TVS Copper TVS *Uranium(chronic) = See 34.5(3) for details. Iron WS Inorganic (mg/L) 1000 chronic Iron(T) acute Lead TVS TVS TVS TVS Ammonia Boron 0.75 Lead(T) 50 TVS/WS Chloride 250 Manganese TVS Chlorine 0.019 0.011 Mercury(T) 0.01 150 Cyanide 0.005 Molybdenum(T) TVS TVS Nitrate Nickel 10 100 0.05 Nickel(T) Nitrite Selenium TVS TVS Phosphorus ws Silver TVS TVS(tr) Sulfate Sulfide 0.002 Uranium varies* varies* TVS TVS Zinc

2d. Mainstem of the Los Pinos River from above the confluence with Dry Creek to New Mexico state line. Mainstems of Dry Creek, Ute Creek, Spring Creek and Rock Creek. <u>cluding wetlands,</u> from the boundaries-boundary of the Southern Ute Indian Reservation to their confluences with the Los Pinos River. COSJPN02D Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DM **MWAT** 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 --рН 6.5 - 9.0Chromium III TVS Other: chlorophyll a (mg/m2) Chromium III(T) 50 *Southern Ute Indian Reservation E. coli (per 100 mL) 126 Chromium VI TVS TVS *Uranium(acute) = See 34.5(3) for details. Copper TVS TVS *Uranium(chronic) = See 34.5(3) for details. Iron WS Inorganic (mg/L) acute chronic Iron(T) 1000 TVS Lead **TVS** Ammonia **TVS TVS** Lead(T) 50 Boron 0.75 TVS TVS/WS 250 Manganese Chloride Chlorine 0.019 0.011 Mercury(T) 0.01 Molybdenum(T) 150 0.005 Cyanide Nickel TVS TVS Nitrate 10 100 Nitrite 0.05 Nickel(T) TVS TVS Phosphorus Selenium WS Silver TVS TVS(tr) Sulfate

4. All tributaries to the Los Pinos River and Vallecito Reservoir, including all wetlands, from the boundary of the Weminuche Wilderness Area to a point immediately below the confluence with Bear Creek-, except for the specific listing in Segment 5; mainstems of Beaver Creek, Ute Creek, and Spring Creek. including wetlands. from their sources to the boundary of the Southern Ute Indian Reservation.

Sulfide

Uranium

0.002

varies*

TVS

varies*

TVS

COSJPN04	Classifications	Physical and	Biological		N	/letals (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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chron	* *	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	te of 12/31/2024				Copper	TVS	TVS
*! !********	te) = See 34.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS
,	onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oramum(cm)	offic) = See 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

COSJPN05	Classifications	Physical and	Biological			fletals (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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III(T)	50	
Arsenic(chron	()	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorgan	ic (mg/L)		Iron		WS
he facilities lis	sted at 34.5(5).		acute	chronic	Iron(T)		1000
'Phosphorus(acilities listed	chronic) = applies only above the at 34.5(5).	Ammonia	TVS	TVS	Lead	TVS	TVS
Uranium(acu	te) = See 34.5(3) for details.	Boron		0.75	Lead(T)	50	
'Uranium(chro	onic) = See 34.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

7a. All tributaries to the Los Pinos River, including wetlands, from the Southern Ute Indian Reservation boundary to the Colorado/New Mexico border, except for the specific listing in Segments-2b, 2c and 2d.

COSJPN07A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	WS-III	WS-III	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6 0.02-10 ⁴
	Water Supply	D.O. (mg/L)		6.0	Beryllium(T)		100
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
Other:		рН	6.5 - 9.0		Cadmium(T)	5.0	
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
	Indian Reservation	E. coli (per 100 mL)		126	Chromium III(T)		100
•	te) = See 34.5(3) for details.				Chromium VI	TVS	TVS
Uranium(cnrc	onic) = See 34.5(3) for details.	Inorgan	ic (mg/L)		Copper	TVS	TVS
			acute	chronic	Iron		WS
		Ammonia	TVS	TVS	Iron(T)		1000
		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Lead(T)	50	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005		Mercury(T)		0.01
		Nitrate	10		Molybdenum(T)		150
		Nitrite			Nickel	TVS	TVS
		Phosphorus		0.17	Nickel(T)		100
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS
					Uranium	varies*	varies'
					Zinc	TVS	TVS

COSJPN07B	Classifications	Physical and	Biological		ļ r	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		100
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)		7.0	Chromium III	TVS	TVS
		pН	6.5 - 9.0		Chromium III(T)		100
Southern Ute	Indian Reservation	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
,	te) = See 34.5(3) for details.	E. coli (per 100 mL)		126	Copper	TVS	TVS
Uranium(chro	onic) = See 34.5(3) 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
		Nitrate	100		Uranium	varies*	varies*
		Nitrite		0.05	Zinc	TVS	TVS
		Phosphorus		0.17			
		Sulfate					
		Sulfide		0.002			

COSJAF03A	Classifications		Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture		,	u 2.0.0g.	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1*		Temperature °C		CS-I	CS-I	Aluminum(T)	750	750
	Recreation E		Tomporataro o		acute	chronic	Arsenic	340	
Qualifiers:			D.O. (mg/L)			6.0	Arsenic(T)		100
Other:			D.O. (spawning)			7.0	Cadmium	TVS	varies*
Julei.			pH		6.5 - 9.0		Chromium III	TVS	TVS
	n: Aquatic life indicato	or goal: Brook	chlorophyll a (mg/m²)			150	Chromium III(T)		100
Гrout :Cadmium(ch	ronic) = 3.5 ug/L from	n 4/1-4/30	E. coli (per 100 mL)			126	Chromium VI	TVS	TVS
2.2 ug/L from FVS from 6/1-			, ,				Copper	TVS	TVS
Manganese(chronic) =-See sectio		1	norganic (mg/l	L)		Iron(T)		1000
	ardsStandards are list te) = See 34.5(3) for			norganio (mg/	acute	chronic	Lead	TVS	TVS
,	onic) = See 34.5(3) for		Ammonia		TVS	TVS	Manganese		varies*
,	= <u>See section 34.6(6)</u>		Boron			0.75	Mercury(T)		0.01
	ndards are listed on To See section 34.6(Chloride				Molybdenum(T)		150
	ndards are listed on T		Chlorine		0.019	0.011	Nickel	TVS	TVS
			Cyanide		0.005		Selenium	TVS	TVS
			Nitrate		100		Silver	TVS	TVS(tr)
			Nitrite				Uranium	varies*	varies*
			Phosphorus			0.11	Zinc	varies*	varies*
			Sulfate						
	of the Animas River,	, including wetlands	Sulfide s, from a point immediate	ely above the co	 onfluence w	0.002	Creek to a point immediate	ely above the confluence	ce with Minera
Bb. Mainstem Creek. COSJAF03B		, including wetland	s, from a point immediate	ely above the co	onfluence w		Creek to a point immediate	ely above the confluence Metals (ug/L)	ce with Minera
Creek.		, including wetlands	s, from a point immediate		onfluence w		Creek to a point immediate		ce with Minera
Creek.	Classifications		s, from a point immediate		onfluence w	rith Cement C	Creek to a point immediate	Metals (ug/L)	
Creek. COSJAF03B Designation	Classifications Recreation E	5/15 - 9/10	s, from a point immediate		onfluence w	rith Cement C		Metals (ug/L)	
Creek. COSJAF03B Designation JP	Classifications Recreation E	5/15 - 9/10	s, from a point immediate		onfluence w	mith Cement C	Arsenic	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation UP Qualifiers: Other:	Classifications Recreation E Recreation N	5/15 - 9/10	s, from a point immediate		onfluence w	MWAT chronic	Arsenic Cadmium	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other:	Classifications Recreation E	5/15 - 9/10 9/11 - 5/14	s, from a point immediate Physic D.O. (mg/L)		onfluence w cal DM acute	MWAT chronic 3.0	Arsenic Cadmium Chromium III	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Copper(ac/ch	Classifications Recreation E Recreation N	5/15 - 9/10 9/11 - 5/14	Physic D.O. (mg/L) pH		cal DM acute 6.0-9.0	MWAT chronic 3.0	Arsenic Cadmium Chromium III Chromium VI	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Copper(ac/ch Expiration Da	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022	5/15 - 9/10 9/11 - 5/14	Physic D.O. (mg/L) pH chlorophyll a (mg/m²)	al and Biologi	cal DM acute 6.0-9.0	MWAT chronic 3.0 150*	Arsenic Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Femporary N Copper(ac/ch Expiration Da The concentre	Classifications Recreation E Recreation N Indiffication(s): Description of the condition of the conditio	5/15 - 9/10 9/11 - 5/14 uminum, ganese, and zinc	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	sal and Biologi 5/15 - 9/10	cal DM acute 6.0-9.0	MWAT chronic 3.0 150* 126	Arsenic Cadmium Chromium III Chromium VI Copper	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Copper(ac/ch Expiration Da The concentricadmium, cophat is directer	Classifications Recreation E Recreation N Modification(s):) = current condition* te of 12/31/2022 ration of dissolved alu	5/15 - 9/10 9/11 - 5/14 uminum, ganese, and zinc and achieving	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	sal and Biologi 5/15 - 9/10	cal DM acute 6.0-9.0	MWAT chronic 3.0 150* 126	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Dther: Copper(ac/ch expiration Da The concentradmium, cop hat is directer water quality s and 4b.	Classifications Recreation E Recreation N Modification(s):) = current condition* te of 12/31/2022 ration of dissolved alloper, iron, lead, mang d toward maintaining standards established	5/15 - 9/10 9/11 - 5/14 uminum, yanese, and zinc and achieving d for segments 4a	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0	MWAT chronic 3.0 150* 126	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Femporary N Copper(ac/ch Expiration Da The concentre admium, cophat is directed water quality should be concentred and 4b. Inchlorophyll a	Classifications Recreation E Recreation N dodification(s):) = current condition* te of 12/31/2022 ration of dissolved alloper, iron, lead, mang d toward maintaining	5/15 - 9/10 9/11 - 5/14 uminum, yanese, and zinc and achieving d for segments 4a	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0	MWAT chronic 3.0 150* 126 630	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T)	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Copper(ac/ch Expiration Da The concentre admium, cophat is directer quality sand 4b. chlorophyll a he facilities lister and the concentre and the facilities lister and the facilities and the faciliti	Classifications Recreation E Recreation N Modification(s):) = current condition* te of 12/31/2022 ration of dissolved alluper, iron, lead, manged toward maintaining standards established (mg/m²)(chronic) = a	5/15 - 9/10 9/11 - 5/14 uminum, ganese, and zinc and achieving d for segments 4a applies only above	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Other: Copper(ac/ch Expiration Da The concentred directer quality send 4b. chlorophyll a he facilities lie Uranium(acu Uranium(chre	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022 ration of dissolved altoper, iron, lead, mange at the condition of the co	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	5/15 - 9/10 9/11 - 5/14	onfluence w cal DM acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute	
Creek. COSJAF03B Designation JP Qualifiers: Copper(ac/ch Expiration Da The concentroadmium, copent at Girecter and 4b. chlorophyll a he facilities listuranium(acuturanium(chree))	Classifications Recreation E Recreation N Recreation N Redification(s):) = current condition* te of 12/31/2022 ration of dissolved alloper, iron, lead, mang d toward maintaining standards established (mg/m²)(chronic) = a sted at 34.5(5). Itte) = See 34.5(3) for	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron	5/15 - 9/10 9/11 - 5/14	acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Copper(ac/ch Expiration Da The concentroadmium, copent at Girecter and 4b. chlorophyll a he facilities listuranium(acuturanium(chree))	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022 ration of dissolved altoper, iron, lead, mange at the condition of the co	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Copper(ac/ch Expiration Da The concentroadmium, copent at Girecter and 4b. chlorophyll a he facilities listuranium(acuturanium(chree))	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022 ration of dissolved altoper, iron, lead, mange at the condition of the co	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation JP Qualifiers: Copper(ac/ch Expiration Da The concentroadmium, copent at Girecter and 4b. chlorophyll a he facilities listuranium(acuturanium(chree))	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022 ration of dissolved altoper, iron, lead, mange at the condition of the co	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	physic D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide	5/15 - 9/10 9/11 - 5/14	onfluence w cal DM acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute	chronic varies*
Creek. COSJAF03B Designation JP Qualifiers: Copper(ac/ch Expiration Da The concentroadmium, copent at Girecter and 4b. chlorophyll a he facilities listuranium(acuturanium(chree))	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022 ration of dissolved altoper, iron, lead, mange at the condition of the co	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute	chronic
Creek. COSJAF03B Designation UP Qualifiers: Comporary W Copper(ac/ch Expiration Da The concent readmium, cope vater quality s and 4b. chlorophyll a he facilities lie Uranium(acu Uranium(chro	Classifications Recreation E Recreation N Addification(s):) = current condition* te of 12/31/2022 ration of dissolved altoper, iron, lead, mange at the condition of the co	5/15 - 9/10 9/11 - 5/14 uminum, panese, and zinc and achieving d for segments 4a applies only above details. or details.	D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) In Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/15 - 9/10 9/11 - 5/14	cal DM acute 6.0-9.0 L) acute	MWAT chronic 3.0 150* 126 630 chronic	Arsenic Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute	chronic

sc=sculpin

COSJAF04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	•	DM	MWAT		acute	chronic
UP	Aq Life Cold 2*	Temperature °C	CS-I	CS-I	Aluminum(T)	varies*	varies*
	Recreation E		acute	chronic	Arsenic	340	
Qualifiers:		D.O. (mg/L)		6.0	Arsenic(T)		100
Other:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
	lodification(s):	рН	varies*		Chromium III	TVS	TVS
) = current condition*	chlorophyll a (mg/m²)			Chromium III(T)		100
• • • •	te of 12/31/2022	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
Trout	n: Aquatic life indicator goal: Brook	Inorgan	ic (mg/L)		Iron(T)		varies*
	cute) = See section 34.6(6) for site- ardsStandards are listed on Table 1.		acute	chronic	Lead	TVS	TVS
*Aluminum(ch	pronic) = See section 34.6(6) for site-	Ammonia	TVS	TVS	Manganese	TVS	TVS
specific stand *Iron(chronic)	<u>ardsStandards are listed on Table 1.</u><u>See section 34.6(6) for site-specific</u>	Boron		0.75	Mercury(T)		0.01
<u>standards</u> Star	ndards are listed on Table 1.	Chloride			Molybdenum(T)		150
,	te) = See 34.5(3) for details.	Chlorine	0.019	0.011	Nickel	TVS	TVS
•	onic) = See 34.5(3) for details. = See section 34.6(6) for site-specific	Cyanide	0.005		Selenium	TVS	TVS
standardsStar	ndards are listed on Table 1.	Nitrate	100		Silver	TVS	TVS(tr)
	= See section 34.6(6) for site-specificendards are listed on Table 1.	Nitrite			Uranium	varies*	varies*
pH(acute) = 5	See section 34.6(6) for site-specific	Phosphorus			Zinc	varies	varies*
	ndards are listed on Table 1. Copper = Adopted 6/12/2017	Sulfate					
		Sulfide		0.002			
	of the Animas River, including wetlan	1	20, -107.799194) to				
COSJAF05A	Classifications	ds, from Bakers Bridge (37.4586) Physical and	20, -107.799194) to Biological	the Souther		Metals (ug/L)	chronic
	1	Physical and	20, -107.799194) to				chronic TVS
COSJAF05A Designation	Classifications Agriculture	1	20, -107.799194) to Biological DM	the Souther		Metals (ug/L)	
COSJAF05A Designation	Classifications Agriculture Aq Life Cold 1	Physical and	20, -107.799194) to Biological DM CS-II	the Souther MWAT CS-II	Aluminum(T)	Metals (ug/L) acute TVS	TVS
COSJAF05A Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	20, -107.799194) to Biological DM CS-II	MWAT CS-II chronic	Aluminum(T) Arsenic	Metals (ug/L) acute TVS 340	TVS
COSJAF05A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	20, -107.799194) to Biological DM CS-II acute	the Souther MWAT CS-II chronic 6.0	Aluminum(T) Arsenic Arsenic(T)	Metals (ug/L) acute TVS 340	TVS 0.02
COSJAF05A Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	20, -107.799194) to Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute TVS 340 TVS	TVS 0.02 TVS
COSJAF05A 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	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T)	Metals (ug/L) acute TVS 340 TVS 5.0	TVS 0.02 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Indification(s): Indicipation (s): Indicipation (s	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute TVS 340 TVS 5.0	TVS 0.02 TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50	TVS 0.02 TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS	TVS 0.02 TVS TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): aic) = hybrid te of 12/31/2024	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 126	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS	TVS 0.02 TVS TVS TVS TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS	TVS 0.02 TVS TVS TVS TVS WS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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	20, -107.799194) to 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(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS	TVS 0.02 TVS TVS TVS WS 1000
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	the Souther MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS TVS	TVS 0.02 TVS TVS TVS WS 1000
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	the Souther MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS TVS 50	TVS 0.02 TVS TVS TVS TVS WS 1000 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride Chlorine	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	### Souther MWAT CS-II Chronic 6.0 7.0 126	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS	TVS 0.02 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	the Souther MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	the Souther MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011	Aluminum(T) 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)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	TVS 0.02 TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Data	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	the Souther MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum(T) 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	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	TVS 0.02 TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	the Souther MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05	Aluminum(T) 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)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS 0.02 TVS TVS TVS TVS TVS S 0.01 150 TVS 100
COSJAF05A Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat *Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Iodification(s): iic) = hybrid te of 12/31/2024 tte) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	20, -107.799194) to Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	the Souther MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 WS	Aluminum(T) 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) Selenium	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	TVS 0.02 TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS

	of the Allinas River, including well	ands, from the Southern Ute Indian	Reservation bounda	ary (37.2148	880 -107.855102) to Basin (Creek.	
COSJAF05B	Classifications	Physical and	Biological		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS	TVS
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
Other:		pН	6.5 - 9.0		Cadmium(T)	5.0	
Temporary M	odification(s):	chlorophyll a (mg/m²)			Chromium III		TVS
Arsenic(chron	* *	E. coli (per 100 mL)		126	Chromium III(T)	50	
,	te of 12/31/2024				Chromium VI	TVS	TVS
		Inorgan	ic (mg/L)		Copper	TVS	TVS
	Indian Reservation		acute	chronic	Iron		WS
•	te) = See 34.5(3) for details.	Ammonia	TVS	TVS	Iron(T)		1000
'Uranium(chro	onic) = See 34.5(3) for details.	Boron		0.75	Lead	TVS	TVS
		Chloride		250	Lead(T)	50	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005		Mercury(T)		0.01
		Nitrate	10		Molybdenum(T)		150
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel(T)		100
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
		Juliue		0.002	Uranium	varies*	varies*
					Ordinani	variou	variou
					Zinc	TVS	TVS
5c. Mainstem	of the Animas River, including wetl-	ands, from Basin Creek to above the	e confluence with th	e Florida Riv	Zinc ver.	TVS	TVS
	_	ands, from Basin Creek to above the		e Florida Riv	ver.	TVS Metals (ug/L)	TVS
COSJAF05C	_			e Florida Riv	ver.		TVS
COSJAF05C Designation	Classifications		Biological		ver.	Metals (ug/L)	
	Classifications Agriculture	Physical and	Biological DM	MWAT	ver.	Metals (ug/L)	chronic
COSJAF05C Designation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	ver.	Metals (ug/L) acute TVS	chronic TVS
COSJAF05C Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	DM CS-II acute	MWAT CS-II chronic	Aluminum(T) Arsenic	Metals (ug/L) acute TVS 340	chronic TVS
COSJAF05C Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Aluminum(T) Arsenic Arsenic(T)	Metals (ug/L) acute TVS 340	chronic TVS 0.02
COSJAF05C Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute TVS 340 TVS	chronic TVS 0.02 TVS
COSJAF05C 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	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute TVS 340 TVS 5.0	chronic TVS 0.02 TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T)	Metals (ug/L) acute TVS 340 TVS 5.0	chronic TVS 0.02 TVS TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply codification(s): ic) = hybrid te of 12/31/2024	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(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50	chronic TVS 0.02 TVS TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Date Southern Ute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024	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(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS	chronic TVS 0.02 TVS TVS TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat 'Southern Ute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS	chronic TVS 0.02 TVS TVS TVS TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Date 'Southern Ute Utranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024	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 7.0 126	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS	chronic TVS 0.02 TVS TVS TVS TVS WS
COSJAF05C Designation Reviewable Qualifiers: Other: Temporary M Arsenic(chron Expiration Dat 'Southern Ute	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 126 chronic	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS	Chronic TVS 0.02 TVS TVS TVS TVS WS 1000
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Date 'Southern Ute Utranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	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(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS TVS	Chronic TVS 0.02 TVS TVS TVS TVS WS 1000
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Dat Southern Ute Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	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	Aluminum(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS 50	Chronic TVS 0.02 TVS TVS TVS TVS TVS WS 1000 TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Dat Southern Ute Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	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(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS TVS	Chronic TVS 0.02 TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Date 'Southern Ute Utranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	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(T) Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS	Chronic TVS 0.02 TVS TVS TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Date 'Southern Ute Utranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum(T) 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	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS	Chronic TVS 0.02 TVS TVS TVS TVS TVS S US 1000 TVS TVS/WS 0.01 150 TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Dat Southern Ute Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum(T) 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)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic TVS 0.02 TVS TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Dat Southern Ute Uranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 Chronic TVS 0.75 250 0.011 0.05 WS	Aluminum(T) 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) Selenium	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic TVS 0.02 TVS TVS TVS TVS S TVS WS 1000 TVS TVS/WS 0.01 150 TVS 100 TVS
COSJAF05C Designation Reviewable Qualifiers: Other: Femporary M Arsenic(chron Expiration Date 'Southern Ute Utranium(acut	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 e Indian Reservation te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011 0.05	Aluminum(T) 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)	Metals (ug/L) acute TVS 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic TVS 0.02 TVS

COSJAF05D Classifications		elands from above the confluence with the Florida River to New Mexi Physical and Biological			Metals (ug/L)		
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Aluminum(T)	TVS	TVS
	Recreation E		acute	chronic	Arsenic	340	
	Water Supply	D.O. (mg/L)		6.0	Arsenic(T)		0.02
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS
Other:		pН	6.5 - 9.0		Cadmium(T)	5.0	
Temporary Modification(s):		chlorophyll a (mg/m²)			Chromium III		TVS
Arsenic(chronic) = hybrid		E. coli (per 100 mL)		126	Chromium III(T)	50	
Expiration Date of 12/31/2024					Chromium VI	TVS	TVS
lto " III I " D "		Inorganic (mg/L)		Copper	TVS	TVS	
*Southern Ute Indian Reservation *Uranium(acute) = See 34.5(3) for details.			acute	chronic	Iron		WS
*Uranium(chronic) = See 34.5(3) for details.		Ammonia	TVS	TVS	Iron(T)		1000
Oranium(cinoi		Boron		0.75	Lead	TVS	TVS
		Chloride		250	Lead(T)	50	
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS
		Cyanide	0.005		Mercury(T)		0.01
		Nitrate	10		Molybdenum(T)		150
		Nitrite		0.05	Nickel	TVS	TVS
		Phosphorus			Nickel(T)		100
		Sulfate		WS	Selenium	TVS	TVS
		Sulfide		0.002	Silver	TVS	TVS(tr)
					Uranium	varies*	varies*
					Zinc	TVS	TVS

6. All tributaries and wetlands to the Mainstem of the Animas River from the source to the outlet of Denver Lake. Mainstem, including all tributaries and wetlands of Cinnamon Creek, Grouse Gulch, Picayne Gulch, and Minnie Gulch. All tributaries and wetlands to the Animas River from immediately above Maggie Gulch to to a point immediately above Elk Creek except for those listed under segments 3c, 7, 8 and 9. South Mineral Creek and all other tributaries and wetlands to Mineral Creek, except for those specifically listed in segments 8 and 9.

COSJAF06 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:		рН	6.5 - 9.0		Chromium III		TVS
Temporary Modification(s):		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chronic) = hybrid		E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
		Inorganic (mg/L)			Iron		WS
*Uranium(acute) = See 34.5(3) for details. *Uranium(chronic) = See 34.5(3) for details.			acute	chronic	Iron(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

COSJAF09	Classifications	Physical and	Physical and Biological			Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic	
JP	Aq Life Cold 2*	Temperature °C	CS-I	CS-I	Aluminum(T)		varies*	
	Recreation E Water Supply		acute	chronic	Arsenic	340		
		D.O. (mg/L)		6.0	Arsenic(T)		0.02-10	
Qualifiers:		D.O. (spawning)		7.0	Cadmium	TVS	TVS	
*Classification: Aquatic Life indicator goal: Macroinvertebrates; Brook Trout corridor *Aluminum(chronic) = See section 34.6(6) for site- specific standardsStandards are listed on Table 1. *Copper(chronic) = See section 34.6(6) for site- specific standardsStandards are listed on Table 1. *Iron(chronic) = See section 34.6(6) for site-specific		pH	varies*		Cadmium(T)	5.0		
		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS	
		E. coli (per 100 mL)		126	Chromium III(T)	50		
					Chromium VI	TVS	TVS	
		_ Inorgani	Inorganic (mg/L)		Copper	TVS	varies*	
			acute	chronic	Iron(T)		varies*	
tandardsStar	ndards are listed on Table 1.	Ammonia	TVS	TVS	Iron		WS	
*Uranium(acute) = See 34.5(3) for details. *Uranium(chronic) = See 34.5(3) for details. *Zinc(chronic) = <u>See section 34.6(6) for site-specific standards</u> Standards are listed on Table 1. *pH(acute) = <u>See section 34.6(6) for site-specific standards</u> Standards are listed on Table 1.		Boron		0.75	Lead	TVS	TVS	
		Chloride		250	Lead(T)	50		
		Chlorine	0.019	0.011	Manganese	TVS	TVS/WS	
		<u>fic</u> Cyanide	0.005		Mercury(T)		0.01	
		Nitrate	10		Molybdenum(T)		150	
		Nitrite		0.05	Nickel	TVS	TVS	
		Phosphorus		0.11	Nickel(T)		100	
		Sulfate		WS	Selenium	TVS	TVS	
		Sulfide		0.002	Silver	TVS	TVS(tr)	
					Uranium	varies*	varies*	
					Zinc	TVS	varies*	

COSJAF11C	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	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	
Water + Fish	Standards	pH	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III(T)	50	
Temporary Mo	odification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid				Copper	TVS	TVS
Expiration Date	e of 12/31/2024	Inorganic (mg/L)			Iron		WS
*Southern Lite	Indian Reservation		acute	chronic	Iron(T)		1000
	(mg/m²)(chronic) = applies only above	Ammonia	TVS	TVS	Lead	TVS	TVS
the facilities lis	ted at 34.5(5). chronic) = applies only above the	Boron		0.75	Lead(T)	50	
facilities listed		Chloride		250	Manganese	TVS	TVS/WS
*Uranium(acut	e) = See 34.5(3) for details.	Chlorine	0.019	0.011	Mercury(T)		0.01
*Uranium(chro	nic) = See 34.5(3) for details.	Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

12a. All tributaries to the Animas River, including wetlands, from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for specific listings in Segments 12b, 12c and 15. All tributaries, including wetlands, to the Florida River from the source to below the confluence with Mud Spring Creek, except the specific listing in Segment 1.

Reviewable Re W: Qualifiers: Other: Temporary Modif Arsenic(chronic) = Expiration Date o *chlorophyll a (mg the facilities listed *Phosphorus(chro facilities listed at 3 *Uranium(acute) =	= hybrid of 12/31/2024 g/m²)(chronic) = applies only above that 34.5(5). onic) = applies only above the	Ammonia Boron	CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150* 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS WS
Qualifiers: Dther: Temporary Modifiers in the property of th	fication(s): = hybrid of 12/31/2024 g/m²)(chronic) = applies only above of at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron	acute 6.5 - 9.0 ic (mg/L) acute	chronic 6.0 7.0 150* 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
Qualifiers: Other: Temporary Modifiers in the property of th	ater Supply fication(s): = hybrid of 12/31/2024 g/m²)(chronic) = applies only above d at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron	 6.5 - 9.0 ic (mg/L)	6.0 7.0 150* 126	Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS 5.0 50 TVS TVS	TVS TVS TVS TVS WS
Qualifiers: Definition of the control of the contr	fication(s): = hybrid of 12/31/2024 g/m²)(chronic) = applies only above d at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 ic (mg/L)	7.0 150* 126	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0 50 TVS TVS	TVS TVS TVS TVS
Temporary Modifusenic(chronic) = expiration Date of chlorophyll a (mgne facilities listed Phosphorus(chroacilities listed at the chromography) and the chromography of	= hybrid of 12/31/2024 g/m²)(chronic) = applies only above at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron	6.5 - 9.0 ic (mg/L) acute	150* 126	Chromium III Chromium III(T) Chromium VI Copper Iron	50 TVS TVS	TVS TVS TVS WS
remporary Modif Arsenic(chronic) = Expiration Date of chlorophyll a (mg he facilities listed Phosphorus(chroacilities listed at 3 Uranium(acute) =	= hybrid of 12/31/2024 g/m²)(chronic) = applies only above at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron	 ic (mg/L) acute	150* 126	Chromium III(T) Chromium VI Copper Iron	50 TVS TVS 	TVS TVS WS
Arsenic(chronic) = Expiration Date o chlorophyll a (mg he facilities listed Phosphorus(chroacilities listed at 3 Uranium(acute) =	= hybrid of 12/31/2024 g/m²)(chronic) = applies only above at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	E. coli (per 100 mL) Inorgani Ammonia Boron	 ic (mg/L) acute	126	Chromium VI Copper Iron	TVS TVS 	TVS TVS WS
Arsenic(chronic) = Expiration Date o Ichlorophyll a (mg he facilities listed Phosphorus(chroacilities listed at I Uranium(acute)	= hybrid of 12/31/2024 g/m²)(chronic) = applies only above at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	Inorgani Ammonia Boron	ic (mg/L) acute		Chromium VI Copper Iron	TVS 	TVS WS
Expiration Date of chlorophyll a (months facilities listed at a cultius listed at a cu	of 12/31/2024 g/m²)(chronic) = applies only above d at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	Inorgani Ammonia Boron	acute	chronic	Copper Iron	TVS 	TVS WS
chlorophyll a (month) the facilities listed Phosphorus(chront) facilities listed at (chront) Turanium(acute)	g/m²)(chronic) = applies only above d at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	Ammonia Boron	acute	chronic	Iron		WS
he facilities listed Phosphorus(chro acilities listed at 3 Uranium(acute)	d at 34.5(5). onic) = applies only above the 34.5(5). = See 34.5(3) for details.	Ammonia Boron	acute	chronic			
Phosphorus(chro acilities listed at 3 Uranium(acute) :	onic) = applies only above the 34.5(5). = See 34.5(3) for details.	Boron		CHIOTIC			1000
'Uranium(acute) :	= See 34.5(3) for details.	Boron	175	TVO	Lead	TVS	TVS
` ,	* *			TVS			173
oranium(cmonic) = See 54.5(3) for details.			0.75	Lead(T)	50 T) (0	
		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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
12c. Hermosa Cr	eek, including all tributaries and we	etlands, from the source to immed	diately below the cor	nfluence with	Long Hollow, except for the	he East Fork of Herm	osa Creek.
COSJAF12C CI	assifications	Physical and	Biological		ı	Metals (ug/L)	
Designation Ag	griculture		DM	MWAT		acute	chronic
PA WC	Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
Re	ecreation E		acute	chronic	Arsenic(T)		0.02
Wa	ater Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
'Uranium(acute) :	= See 34.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Uranium(chronic	c) = See 34.5(3) for details.	E. con (per 100 me)		120		TVS	TVS
			• (#)		Copper	1 V 3	
		Inorgani	ic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
				0.75	Lead(T)	50	
		Boron		0.70			
		Boron Chloride		250	Manganese	TVS	TVS/WS
		Chloride		250	Manganese	TVS	TVS/WS
		Chloride Chlorine	0.019	250 0.011	Manganese Mercury(T)	TVS 	TVS/WS 0.01
		Chloride Chlorine Cyanide	0.019 0.005	250 0.011 	Manganese Mercury(T) Molybdenum(T)	TVS 	TVS/WS 0.01 150 TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	250 0.011 0.05	Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS	TVS/WS 0.01 150 TVS 100
		Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	0.019 0.005 10	250 0.011 0.05 0.11	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS TVS TVS	TVS/WS 0.01 150 TVS 100 TVS
		Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 10	250 0.011 0.05	Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS TVS	TVS/WS 0.01 150

COSJAF12D	Classifications	Physical and	Biological		I	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:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Uranium(acu	te) = See 34.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
'Uranium(chro	onic) = See 34.5(3) for details.				Copper	TVS	TVS
		Inorgani	ic (mg/L)		Iron		WS
		. 3	acute	chronic	Iron(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		0.03	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
		Sullide		0.002	Zinc	TVS	TVS
13a. Mainster	n of Junction Creek including all trib	outaries and wetlands, from the U.S.	Forest Boundary to	the conflue		173	1 7 3
	_	outaries and wetlands, from the U.S. Physical and		the conflue	nce with Animas River.	Metals (ug/L)	173
COSJAF13A	_			the conflue	nce with Animas River.		chronic
13a. Mainster COSJAF13A Designation Reviewable	Classifications		Biological		nce with Animas River.	Metals (ug/L)	
COSJAF13A Designation	Classifications Agriculture	Physical and	Biological DM	MWAT	nce with Animas River.	Metals (ug/L)	
COSJAF13A Designation	Classifications Agriculture Aq Life Cold 2	Physical and	Biological DM CS-II	MWAT CS-II	nce with Animas River.	Metals (ug/L) acute 340	chronic
COSJAF13A Designation Reviewable	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02
COSJAF13A Designation	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Arsenic (T)	Metals (ug/L) acute 340	chronic 0.02 TVS
COSJAF13A Designation Reviewable Qualifiers: Water + Fish	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
COSJAF13A Designation Reviewable Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
COSJAF13A Designation Reviewable Qualifiers: Water + Fish Other:	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI	Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS
COSJAF13A Designation Reviewable Qualifiers: Water + Fish Other: Temporary M Arsenic(chron	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards odification(s): ic) = hybrid	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
COSJAF13A Designation Reviewable Qualifiers: Water + Fish Other: Femporary M Arsenic(chron Expiration Data	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Identification(s): Identifi	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS TVS TVS
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron Expiration Data	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS TOS TVS
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Identification(s): Identifi	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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) 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 50 TVS TVS TVS TVS 50	chronic 0.02 TVS TVS TVS SVS 1000 TVS
COSJAF13A Designation Reviewable Qualifiers: Vater + Fish Other: Temporary Marsenic(chron expiration Data Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS T
COSJAF13A Designation Reviewable Qualifiers: Vater + Fish Other: Temporary Marsenic(chron Expiration Data Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS TVS STVS 1000 TVS TVS/WS 0.01
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) 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 50 TVS TVS TVS 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS SUS 1000 TVS TVS/WS 0.01
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic 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	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS STVS 1000 TVS TVS/WS 0.01 150 TVS
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic 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)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Temporary M Arsenic(chron Expiration Dat	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	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	Arsenic Arsenic(T) 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 5.0 50 TVS TVS TVS 50 TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS
COSJAF13A Designation Reviewable Qualifiers: Nater + Fish Other: Femporary M Arsenic(chron Expiration Data	Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply Standards Iodification(s): ic) = hybrid te of 12/31/2024 te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic 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)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS

13b. All tributaries, including wetlands, to the Animas River from a point immediately below the confluence with Hermosa Creek to the Southern Ute Indian Reservation boundary except for the specific listings in Segments 12d, 13a, 13c, 14a and 14b; all tributaries, including wetlands, to the Florida River, from a point immediately below the confluence with Mud Creek to the Southern Ute Indian Reservation boundary, except for specific listings in Segment 13d.

COSJAF13B	Classifications	Physical and	Biological		ľ	Vietals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	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	
Vater + Fish	Standards	pH	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
emporary M	odification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	* *				Copper	TVS	TVS
Expiration Dat	e of 12/31/2024	Inorgan	ic (mg/L)		Iron		WS
Uranium/acut	te) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
,	onic) = See 34.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
Oramam(cmc	mio) = 000 04.0(0) for details.	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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
3c. Mainstem Gulch.	of the unnamed tributary to Coal C	Gulch which crosses Highway 160 a	at (37.267877, -107.	961598 <u>) , inc</u>	cluding wetlands, from the s	source to the confluer	nce with Coal
COSJAF13C	Classifications	Physical and	Biological		ı	Vietals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Arsenic	340	

COSJAF13C Classifications	Physical and Biolog	gical			Metals (ug/L)	
Designation Agriculture		DM	MWAT		acute	chronic
Reviewable Aq Life Cold 2	Temperature °C	CS-I	CS-I	Arsenic	340	
Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Fish Ingestion	D.O. (spawning)		7.0	Chromium III		TVS
Other:	pH	6.5 - 9.0		Chromium III(T)	50	
Discharge Consider Mariana (a)	chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
Discharger Specific Variance(s): Ammonia(ac/ch) = See Section 34.6(4)	E. coli (per 100 mL)		126	Copper	TVS	TVS
for details on the variance for Durango				Iron(T)		1000
West, TVS:15 mg/L Expiration Date of 12/31/2024	Inorganic (mg/L)			Lead	TVS	TVS
*chlorophyll a (mg/m²)(chronic) = applies only above		acute	chronic	Manganese	TVS	TVS
the facilities listed at 34.5(5).	Ammonia	TVS	TVS	Mercury(T)		0.01
*Phosphorus(chronic) = applies only above the facilities listed at 34.5(5).	Boron		0.75	Molybdenum(T)		150
*Uranium(acute) = See 34.5(3) for details.	Chloride		250	Nickel	TVS	TVS
*Uranium(chronic) = See 34.5(3) for details.	Chlorine	0.019	0.011	Selenium	TVS	TVS
*Variance: Ammonia = see 34.6(4) for details.	Cyanide	0.005		Silver	TVS	TVS(tr)
	Nitrate	100		Uranium	varies*	varies*
	Nitrite		0.05	Zinc	TVS	TVS
	Phosphorus		0.11*			
	Sulfate					
	Sulfide		0.002			

sc=sculpin

	w, including all tributaries <u>and wetland</u>			ation Bound			
COSJAF13D	Classifications	Physical and B	Biological		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Recreation E				Arsenic(T)		100
Qualifiers:			acute	chronic	Beryllium(T)		100
Other:		D.O. (mg/L)		3.0	Cadmium(T)		10
		pH	6.5 - 9.0		Chromium III(T)		100
	(mg/m^2) (chronic) = applies only above sted at 34.5(5).	chlorophyll a (mg/m²)		150*	Chromium VI(T)		100
*Uranium(acut	te) = See 34.5(3) for details.	E. coli (per 100 mL)		126	Copper(T)		200
*Uranium(chro	onic) = See 34.5(3) for details.	Inorganio	(mg/L)		Iron		
			acute	chronic	Lead(T)		100
		Ammonia			Manganese		
		Boron		0.75	Mercury(T)		
		Chloride			Molybdenum(T)		150
		Chlorine			Nickel(T)		200
		Cyanide	0.2		Selenium(T)		20
		Nitrate	100		Silver		
		Nitrite	10		Uranium	varies*	varies*
		Phosphorus			Zinc(T)		2000
		Sulfate					
		Sulfide					
13e. All tributa	ries to the Animas River, including wet	lands, from the Southern Ute Ind	ian Reservation bo	oundary to be	elow the confluence with Ba	asin Creek.	
COSJAF13E	Classifications	Physical and E	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
<u> </u>	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:	Cton donds	D.O. (spawning)		7.0	Cadmium(T)	5.0	
Water + Fish	Standards	pН	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Temporary Me	odification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	ic) = hybrid				Copper	TVS	TVS
Expiration Dat	o of 12/21/2024	lu avanui a					
	e 01 12/31/2024	inorganic	c (mg/L)		Iron		WS
		inorganic	c (mg/L) acute	chronic	Iron Iron(T)		WS 1000
*Southern Ute	Indian Reservation	Ammonia		chronic TVS			
*Southern Ute *Uranium(acut		_	acute		Iron(T)		1000
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia	acute TVS	TVS	Iron(T) Lead	TVS	1000 TVS
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron	acute TVS	TVS 0.75	Iron(T) Lead Lead(T)	TVS 50	1000 TVS
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron Chloride	acute TVS	TVS 0.75 250	Iron(T) Lead Lead(T) Manganese	 TVS 50 TVS	1000 TVS TVS/WS
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron Chloride Chlorine	acute TVS 0.019	TVS 0.75 250 0.011	Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS 50 TVS	1000 TVS TVS/WS 0.01
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide	acute TVS 0.019 0.005	TVS 0.75 250 0.011	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	 TVS 50 TVS 	1000 TVS TVS/WS 0.01 150
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate	acute TVS 0.019 0.005	TVS 0.75 250 0.011 	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS 50 TVS TVS	1000 TVS TVS/WS 0.01 150 TVS
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS 50 TVS TVS TVS	1000 TVS TVS/WS 0.01 150 TVS
*Southern Ute *Uranium(acut	Indian Reservation te) = See 34.5(3) for details.	Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	acute TVS 0.019 0.005 10	TVS 0.75 250 0.011 0.05 0.11	Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS 50 TVS TVS TVS TVS	1000 TVS TVS/WS 0.01 150 TVS 100 TVS

COSJAF13F	Classifications	Physical and	Biological			/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	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	
Vater + Fish	Standards	рН	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
emporary M	Modification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chror	nic) = hybrid				Copper	TVS	TVS
xpiration Da	ite of 12/31/2024	Inorgan	ic (mg/L)		Iron		WS
O th	- Indian Danamatian		acute	chronic	Iron(T)		1000
	e Indian Reservation	Ammonia	TVS	TVS	Lead	TVS	TVS
-	ute) = See 34.5(3) for details. onic) = See 34.5(3) for details.	Boron		0.75	Lead(T)	50	
oranium(cm	offic) = Oee 34.3(3) for details.	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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies'
					Zinc	TVS	TVS
4a. Mainster	m of Lightner Creek, including all tril	outaries <u>and wetlands</u> , from the sou	rce to below the cor	nfluence with		TVS	TVS
	m of Lightner Creek, including all tril	outaries <u>and wetlands</u> , from the sou Physical and		nfluence with	Deep Creek.	TVS Metals (ug/L)	TVS
OSJAF14A	Classifications			nfluence with	Deep Creek.		
OSJAF14A Designation	Classifications		Biological		Deep Creek.	Metals (ug/L)	chronic
OSJAF14A esignation	Classifications Agriculture	Physical and	Biological DM	MWAT	Deep Creek.	Metals (ug/L)	chroni
OSJAF14A esignation	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Deep Creek.	Metals (ug/L) acute 340	chroni e
COSJAF14A Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-I acute	MWAT CS-I chronic	Deep Creek. Arsenic Arsenic(T)	Metals (ug/L) acute 340 	chronic 0.02 TVS
COSJAF14A Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Deep Creek. Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
cosJAF14A 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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	chronic 0.02 TVS
COSJAF14A 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	DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
COSJAF14A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chror	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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	### Acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
COSJAF14A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chroric expiration Date)	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid the of 12/31/2024	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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	### Acute 340	chronic 0.02 TVS TVS TVS TVS
COSJAF14A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrorexpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	## details (ug/L) ## acute 340	chronic 0.02 TVS TVS TVS TVS WS 1000
COSJAF14A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrorexpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid the of 12/31/2024	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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	### details (ug/L) ### acute 340	chronic 0.02 TVS TVS TVS TVS TVS TVS TOS TVS
cosJaF14A designation deviewable dualifiers: demporary Marsenic(chrorixpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	### Acute 340	chronic 0.02 TVS TVS TVS VS TVS TVS TVS TVS TVS
cosJaF14A designation deviewable dualifiers: demporary Marsenic(chrorixpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	### Acute 340	chronic 0.02 TVS TVS TVS TVS TVS
esignation eviewable eualifiers: emporary Marsenic(chroromore) experience of the control of the	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	### Acute 340	chronic 0.02 TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable eualifiers: emporary Marsenic(chroromore) experience of the control of the	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	### Acute 340	Chronic O.02 TVS TVS TVS TVS TVS TVS TVS TV
esignation eviewable eualifiers: emporary Marsenic(chroromore) experience of the control of the	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	### Acute 340	Chronic 0.02 TVS TVS S TVS 1000 TVS TVS/WS 0.01
cosJaF14A designation deviewable dualifiers: demporary Marsenic(chrorixpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 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	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	### Acute 340	Chronic 0.02 TVS TVS TVS TVS TVS TVS/WS 0.01
esignation eviewable eualifiers: emporary Marsenic(chroromore) experience of the control of the	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Deep Creek. Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	### Acute 340	Chronic 0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
COSJAF14A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrorexpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Deep Creek. Arsenic Arsenic(T) 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 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/WS 0.01 150 TVS 1000 TVS
COSJAF14A Designation Reviewable Qualifiers: Other: Temporary Marsenic(chrorexpiration Da Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Modification(s): nic) = hybrid tite of 12/31/2024 ute) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Deep Creek. Arsenic Arsenic(T) 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	Chroni 0.02 TVS TVS WS 1000 TVS TVS/WS 0.01 150 TVS

COSJAF14B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	1 Hydrodi dild	DM	MWAT		acute	chronic
Reviewable	Ag Life Cold 1	Temperature °C	CS-II	CS-II	Arsenic	340	
ioviowabio	Recreation E	Temperature C	acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:	2.11.3	D.O. (mg/L) D.O. (spawning)		7.0	Cadmium(T)	5.0	173
		pH	6.5 - 9.0		` '		
Other:		•			Chromium III		TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)		150*	Chromium III(T)	50	 T1/0
rsenic(chron	· •	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2024				Copper	TVS	TVS
	(mg/m²)(chronic) = applies only above	Inorgani	ic (mg/L)		Iron		WS
	sted at 34.5(5). chronic) = applies only above the		acute	chronic	Iron(T)		1000
acilities listed		Ammonia	TVS	TVS	Lead	TVS	TVS
,	te) = See 34.5(3) for details.	Boron		0.75	Lead(T)	50	
Uranium(chro	onic) = See 34.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		- ··· ·			Linearium	veries*	varies*
		Sulfide		0.002	Uranium	varies*	varies
ncluding wetl	of Purgatory Creek <u>, including wetland ands,</u> from the source to Haviland Lak	s. from the source to Cascade Cr	reek; Goulding Cree		Zinc	TVS ce to Elbert Creek; and I	TVS
OSJAF15	ands, from the source to Haviland Lak Classifications	s. from the source to Cascade Cr	reek; Goulding Cree	ek <u>, including</u>	Zinc	TVS ce to Elbert Creek; and I	TVS Nary Draw <u>.</u>
COSJAF15 Designation	ands, from the source to Haviland Lak Classifications Agriculture	s. from the source to Cascade Cre. Physical and	reek; Goulding Cree Biological DM	ek <u>, including</u>	Zinc wetlands, from the source	TVS ce to Elbert Creek; and I Metals (ug/L) acute	TVS Nary Draw <u>.</u> chronic
COSJAF15 Designation	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2	s. from the source to Cascade Cr	reek; Goulding Cree Biological DM CS-I	MWAT CS-I	Zinc wetlands, from the source Arsenic	TVS De to Elbert Creek; and I Metals (ug/L) acute 340	TVS Nary Draw. chronic
COSJAF15 Designation	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E	s, from the source to Cascade Cre. Physical and Temperature °C	reek; Goulding Cree Biological DM CS-I acute	MWAT CS-I chronic	Zinc wetlands, from the source Arsenic Arsenic(T)	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340	TVS Nary Draw. chronic 0.02
COSJAF15 Designation Reviewable	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2	s, from the source to Cascade Cree. Physical and Temperature °C D.O. (mg/L)	reek; Goulding Cree Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium	TVS the to Elbert Creek; and I Metals (ug/L) acute 340 TVS	TVS Nary Draw. chronic
COSJAF15 Designation Reviewable	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	reek; Goulding Cree Biological DM CS-I acute	MWAT CS-I chronic	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T)	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340	TVS Nary Draw chronic 0.02 TVS
cosjaf15 cosjaf15 cosjaf15 cesignation ceviewable cualifiers:	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	reek; Goulding Cree Biological DM CS-I acute	MWAT CS-I chronic 6.0	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium	TVS the to Elbert Creek; and I Metals (ug/L) acute 340 TVS	TVS Nary Draw, chronic 0.02 TVS
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	reek; Goulding Cree Biological DM CS-I acute	MWAT CS-I chronic 6.0 7.0	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T)	TVS De to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0	TVS Nary Draw chronic 0.02 TVS
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	reek; Goulding Cree Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0	TVS Nary Draw. chronic 0.02 TVS TVS
costantian metals and	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	reek; Goulding Cree Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50	Chronic 0.02 TVS TVS
costantian metals and	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	reek; Goulding Cree Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI	TVS the to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 TVS TVS	TVS Nary Draw chronic 0.02 TVS TVS TVS
costantian metals and	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	reek; Goulding Cree Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper	TVS the to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	reek; Goulding Cree Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	Chronic 0.02 TVS
coluding wetler COSJAF15 Resignation Reviewable Rualifiers: Other:	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Cree Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS TVS TVS TVS TVS
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Cree 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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	TVS te to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	TVS Nary Draw. chronic 0.02 TVS TVS TVS TVS SVS 1000 TVS
osjaf15 esignation eviewable ualifiers: ther:	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Cree 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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T)	TVS the to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS 50	TVS Nary Draw, chronic 0.02 TVS TVS TVS TVS SVS 1000 TVS
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Creek 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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	TVS Nary Draw, chronic 0.02 TVS TVS S S S S S S S S S S S S S S S S S S
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(3) for details.	s, from the source to Cascade Cree. 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	reek; Goulding Cree 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 wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS	TVS Nary Draw chronic 0.02 TVS TVS S S S TVS S 1000 TVS TVS/WS 0.01 150
costantian metals and	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Creek Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-I chronic 6.0 7.0 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	TVS te to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TVS 50 TVS TVS	TVS Nary Draw chronic 0.02 TVS TVS TVS TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS
cocluding wetler COSJAF15 Designation Deviewable Designation Deviewable Designation Deviewable Designation Deviewable Designation Designat	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Creek Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	TVS te to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 TVS TVS TVS TVS TVS TVS TVS TV	TVS Nary Draw chronic 0.02 TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS 100
costantian metals and	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Creek Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	TVS te to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	TVS Nary Draw, chronic 0.02 TVS TVS TVS S 1000 TVS TVS/WS 0.01 150 TVS 1000 TVS
costantian metals and	ands, from the source to Haviland Lak Classifications Agriculture Aq Life Cold 2 Recreation E Water Supply te) = See 34.5(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	reek; Goulding Creek Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Zinc wetlands, from the source Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	TVS ce to Elbert Creek; and I Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 0.02 TVS

21. All lakes and reservoirs tributary to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for the specific listing in Segment 12b22. All lakes and reservoirs tributary to the Florida River from the source to the outlet of Lemon Reservoir, except the specific listings in Segments 12b and 16. This segment includes Little Molas Lake, Andrews Lake, Potato Lake, Scout Lake, Boyce Lake, Columbine Lake, Haviland Lake, Henderson Lake, Ruby Lake, Pear Lake, Webb Lake, Shalona Lake, Stratton Lake, and Wallace Lake.

COSJAF21	Classifications	Physical and Biolog	ical		M	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	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:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (ug/L)		8*	Chromium III(T)	50	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only to lakes and				Copper	TVS	TVS
_	per than 25 acres surface area. te) = See 34.5(3) for details.	Inorganic (mg/	/L)		Iron		WS
,	onic) = See 34.5(3) for details.		acute	chronic	Iron(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		0.025*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

COSJLP03D	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:		pH	6.5 - 9.0		Chromium III		TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
rsenic(chron	* *	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	te of 12/31/2024				Copper	TVS	TVS
•		Inorgan	ic (mg/L)		Iron		WS
Uranium(acute) = See 34.5(3) for details. Uranium(chronic) = See 34.5(3) for details.			acute	chronic	Iron(T)		1000
Dramum(cmc	orlic) = See 34.5(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)
Be. East Alkal Jte Indian Bo		e source to the Southern Ute Indian	n BoundaryHay G	ulch, includi	ng all- tributaries <u>and wetlar</u>	nds, from the source t	o the Souther
COSJLP03E		Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation N		acute	chronic	Arsenic(T)		0.02-10
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Oualifiare:			05.00		1		

Ote malan bo							
COSJLP03E	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation N		acute	chronic	Arsenic(T)		0.02-10 ^A
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. coli (per 100 mL)		630	Chromium III(T)		100
,	te) = See 34.5(3) for details.	Inorgar	nic (mg/L)		Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 34.5(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)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.11	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

4c. Mainstem of the Mancos River, including all wetlands, tributariestributaries and wetlands, from below the San Juan National Forest Boundary to Hwy 160. Chicken Creek, including all tributaries and wetlands, from its source to the confluence with the Mancos River.

COSJLP04C	Classifications		Physic	al and Biologi	cal			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1		Temperature °C		CS-II	CS-II	Arsenic	340	
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic(T)		0.02
	Recreation N	11/1 - 4/30	D.O. (mg/L)			6.0	Cadmium	TVS	TVS
	Water Supply		D.O. (spawning)			7.0	Cadmium(T)	5.0	
Qualifiers:			pН		6.5 - 9.0		Chromium III		TVS
Other:			chlorophyll a (mg/m²)			150	Chromium III(T)	50	
			E. coli (per 100 mL)	5/1 - 10/31		126	Chromium VI	TVS	TVS
,	te) = See 34.5(3) fo		E. coli (per 100 mL)	11/1 - 4/30		630	Copper	TVS	TVS
*Uranium(chro	onic) = See 34.5(3)	for details.	ı	norganic (mg/l	L)		Iron		WS
					acute	chronic	Iron(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			0.11	Selenium	TVS	TVS
			Sulfate			WS	Silver	TVS	TVS(tr)
			Sulfide			0.002	Uranium	varies*	varies*
							Zinc	TVS	TVS

5. Mainstem of the Mancos River from Hwy 160 to the boundary of the Ute Mountain Indian Reservation and mainstem of Weber Canyon, including wetlands, from source to boundary of the Ute Mountain Ute Indian Reservation.

COSJLP05	Classifications		Physic	al and Biologi	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1		Temperature °C		WS-II	WS-II	Arsenic	340	
	Recreation E	5/1 - 10/31			acute	chronic	Arsenic(T)		0.02
	Recreation N	11/1 - 4/30	D.O. (mg/L)			5.0	Cadmium	TVS	TVS
	Water Supply		pН		6.5 - 9.0		Cadmium(T)	5.0	
Qualifiers:			chlorophyll a (mg/m²)			150*	Chromium III		TVS
Other:			E. coli (per 100 mL)	5/1 - 10/31		126	Chromium III(T)	50	
Temporary M	lodification(s):		E. coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
Arsenic(chron	` '						Copper	TVS	TVS
Expiration Dat	te of 12/31/2024		lı	norganic (mg/	L)		Iron		WS
*chlorophyll a	(mg/m²)(chronic) = a	nnlies only above			acute	chronic	Iron(T)		1000
the facilities lis	sted at 34.5(5).	,	Ammonia		TVS	TVS	Lead	TVS	TVS
*Phosphorus(facilities listed	chronic) = applies onl l at 34.5(5).	ly above the	Boron			0.75	Lead(T)	50	
*Uranium(acu	te) = See 34.5(3) for	details.	Chloride			250	Manganese	TVS	TVS/WS
*Uranium(chro	onic) = See 34.5(3) fo	or details.	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			0.17*	Selenium	TVS	TVS
			Sulfate			WS	Silver	TVS	TVS
			Sulfide			0.002	Uranium	varies*	varies*
							Zinc	TVS	TVS

sc=sculpin

6a. All tributaries to the Mancos River, including all-wetlands, from Hwy 160 to the boundary of the Ute Mountain Indian Reservation, except for specific listings in segment 4c, 5, 6b and 6c. Navajo Wash, including all-tributaries and wetlands, from the source to the Ute Mountain Indian Reservation Boundary.

COSJLP06A	Classifications		Physic	al and Biolog	ical		N	Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-II	WS-II	Arsenic	340	
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic(T)		100
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Cadmium	TVS	TVS
Qualifiers:			pH		6.5 - 9.0		Chromium III	TVS	TVS
Other:			chlorophyll a (mg/m²)			150	Chromium III(T)		100
			E. coli (per 100 mL)	5/1 - 10/31		205	Chromium VI	TVS	TVS
,	ite) = See 34.5(3) for o		E. coli (per 100 mL)	11/1 - 4/30		630	Copper	TVS	TVS
*Uranium(chr	onic) = See 34.5(3) for	r details.					Iron(T)		1000
			l.	norganic (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
			Nitrate		100		Uranium	varies*	varies*
			Nitrite			0.05	Zinc	TVS	TVS
			Phosphorus			0.17			
			Sulfate						
			Sulfide			0.002			

6b. East Fork of Mud Creek, including all-tributaries and wetlands, from the source to the confluence with the West Fork of Mud Creek. East Canyon, including wetlands, from the source to the confluence with Joes Canyon.

COSJLP06B	Classifications		Physic	al and Biolog	ical			Metals (ug/L)	
Designation	Agriculture				DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2		Temperature °C		WS-II	WS-II	Arsenic	340	
	Recreation N	11/1 - 4/30			acute	chronic	Arsenic(T)		0.02-10 ^A
	Recreation P	5/1 - 10/31	D.O. (mg/L)			5.0	Cadmium	TVS	TVS
	Water Supply		pH		6.5 - 9.0		Cadmium(T)	5.0	
Qualifiers:			chlorophyll a (mg/m²)			150	Chromium III	TVS	TVS
Other:			E. coli (per 100 mL)	5/1 - 10/31		205	Chromium III(T)		100
			E. coli (per 100 mL)	11/1 - 4/30		630	Chromium VI	TVS	TVS
•	te) = See 34.5(3) for						Copper	TVS	TVS
*Uranium(chro	onic) = See 34.5(3) f	for details.	li	norganic (mg/	L)		Iron		WS
					acute	chronic	Iron(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			0.17	Selenium	TVS	TVS
			Sulfate			WS	Silver	TVS	TVS
			Sulfide			0.002	Uranium	varies*	varies*
							Zinc	TVS	TVS

COSJLP06C	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
WC	Aq Life Warm 1	Temperature °C	WS-III	WS-III	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)		100
,	te) = See 34.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
'Uranium(chro	onic) = See 34.5(3) for details.	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
		Chlorine	0.019	0.011	Molybdenum(T)		
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus		0.17	Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

7a. Mainstem of McElmo Creek from the source to the confluence with Alkali Canyon. Mainstem of Yellow Jacket Creek, including all-tributaries and wetlands, from the source to the confluence with McElmo Creek COSJLP07A Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Reviewable Aq Life Warm 1 WS-II WS-II 340 Temperature °C Arsenic Recreation E acute chronic 76 Arsenic(T) ---Qualifiers: D.O. (mg/L) 5.0 Cadmium TVS TVS рΗ 6.5 - 9.0 Chromium III TVS TVS Other: chlorophyll a (mg/m²) 150* 100 Chromium III(T) Discharger Specific Variance(s): E. coli (per 100 mL) 126 Chromium VI TVS **TVS** Ammonia(ac/ch) = See Section 34.6(4)(d) for details on the variance Copper TVS TVS Inorganic (mg/L) for Vista Verde Village Mobile Home Iron(T) 2200 acute chronic Park. Expiration Date of 6/30/2031 Lead TVS TVS Ammonia TVS TVS *chlorophyll a (mg/m²)(chronic) = applies only above Manganese TVS TVS Boron 0.75 the facilities listed at 34.5(5). Mercury(T) 0.01 Chloride *Phosphorus(chronic) = applies only above the facilities listed at 34.5(5). Molybdenum(T) 150 Chlorine 0.019 0.011 ---*Uranium(acute) = See 34.5(3) for details. Cyanide TVS Nickel TVS 0.005 *Uranium(chronic) = See 34.5(3) for details. Selenium TVS Nitrate 100 **TVS** Silver TVS TVS Nitrite 0.05 Phosphorus 0.17* Uranium varies* varies* Zinc TVS TVS Sulfate Sulfide 0.002

8. All tributaries to McElmo Creek, including all-wetlands, from the source to the Colorado/Utah border, except for the portions within the Ute Mountain Indian Reservation and except for specific listings in Segments 7a and 9, 7b and 11.

COSJLP08	Classifications	Physical and Biolo	gical		M	etals (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)		0.02-10 ^A
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
*		E. coli (per 100 mL)		126	Chromium III(T)	50	
	(mg/m^2) (chronic) = applies only above sted at 34.5(5).	Inorganic (m	g/L)		Chromium VI	TVS	TVS
*Phosphorus(facilities listed	chronic) = applies only above the		acute	chronic	Copper	TVS	TVS
	te) = See 34.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
*Uranium(chro	onic) = See 34.5(3) for details.	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
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

COSJLP09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		100
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pН	6.5 - 9.0		Chromium III	TVS	TVS
		chlorophyll a (mg/m²)		150*	Chromium III(T)		100
	(mg/m^2) (chronic) = applies only above sted at 34.5(5).	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Phosphorus(chronic) = applies only above the	Inorgan	ic (mg/L)		Copper	TVS	TVS
facilities listed *Uranium(acu	at 34.5(5). te) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
,	onic) = See 34.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
,	, , ,	Boron		0.75	Manganese	TVS	TVS
		Chloride		250	Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus		0.17*	Uranium	varies*	varies*
		Sulfate		250	Zinc	TVS	TVS
		Sulfide		0.002			

COSJLP10	Classifications	Physical and Biolo	ogical		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		5.0	Beryllium(T)		100
Other:		рН	6.5 - 9.0		Cadmium	TVS	TVS
D: 1 0		chlorophyll a (mg/m²)		150*	Chromium III	TVS	TVS
	pecific Variance(s): ch) = See Section	E. coli (per 100 mL)		126	Chromium III(T)		100
34.6 <u>(4)(e)</u> for	details on the variance	Inorganic (m	ıg/L)		Chromium VI	TVS	TVS
	of Dove Creek. se of 6/30/2025		acute	chronic	Copper	TVS	TVS
•	(mg/m²)(chronic) = applies only above	Ammonia	TVS	TVS	Iron(T)		1000
the facilities lis	sted at 34.5(5).	Boron		0.75	Lead	TVS	TVS
*Phosphorus(facilities listed	chronic) = applies only above the at 34.5(5).	Chloride			Manganese	TVS	TVS
	te) = See 34.5(3) for details.	Chlorine	0.019	0.011	Mercury(T)		0.01
*Uranium(chro	onic) = See 34.5(3) for details.	Cyanide	0.005		Molybdenum(T)		150
		Nitrate	100		Nickel	TVS	TVS
		Nitrite			Selenium	TVS	TVS
		Phosphorus		0.17*	Silver	TVS	TVS
		Sulfate			Uranium	varies*	varies*
		Sulfide		0.002	Zinc	TVS	TVS

19. All lakes and reservoirs tributary to McElmo Creek from the source to the Colorado/Utah border, except for those within the Ute Mountain Indian Reservation and except for the specific listings in Segment 11. This segment includes Denny Lake. COSJLP19 Classifications Physical and Biological Metals (ug/L) MWAT Designation Agriculture DM acute chronic UP Aq Life Warm 2 WL WL 340 Temperature °C Arsenic Recreation E acute chronic Arsenic(T) 7.6 Qualifiers: D.O. (mg/L) 5.0 Cadmium TVS TVS Fish Ingestion 6.5 - 9.0 Chromium III TVS TVS Other: chlorophyll a (ug/L) 20* Chromium III(T) 100 E. coli (per 100 mL) 126 Chromium VI **TVS** TVS *chlorophyll a (ug/L)(chronic) = applies only to lakes and reservoirs larger than 25 acres surface area. TVS TVS Inorganic (mg/L) Copper *Phosphorus(chronic) = applies only to lakes and Iron(T) 1000 acute chronic reservoirs larger than 25 acres surface area. Lead TVS TVS TVS **TVS** Ammonia *Uranium(acute) = See 34.5(3) for details. TVS 0.75 Manganese TVS Boron *Uranium(chronic) = See 34.5(3) for details. Mercury(T) 0.01 Chloride Chlorine 0.019 0.011 Molybdenum(T) 150 Nickel TVS TVS Cyanide 0.005 TVS Selenium TVS Nitrate 100 TVS Nitrite 0.05 Silver TVS varies* Uranium varies* 0.083* Phosphorus Zinc TVS TVS Sulfate Sulfide 0.002

COSJDO01	Classifications	Physical and	Biological		N	fletals (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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	lodification(s):	chlorophyll a (mg/m²)		150	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
I Ironium (o ou	to) Coo 24 E(2) for details	Inorgan	ic (mg/L)		Iron		WS
,	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cm)	offic) = 3ee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

COSJDO04B	Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 4/30 3/31	CLL	CLL	Arsenic	340	
	Recreation E	Temperature °C	4/30 3/31 4/1 - 12/31	CLL*	varies* B	Arsenic(T)		0.02
	Water Supply	remperature C	4/1 - 12/31	OLL	varies	Cadmium	TVS	TVS
	DUWS*			acute	chronic	Cadmium(T)	5.0	
Qualifiers:		D.O. (mg/L)				Chromium III		TVS
Other:		D.O. (mg/L)			6.0	Chromium III(T)	50	
Temporary M	odification(s):	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
Arsenic(chron	` '	pH		6.5 - 9.0		Copper	TVS	TVS
,	e of 12/31/2024	chlorophyll a (ug/L)			8*	Iron		WS
		E. coli (per 100 mL)			126	Iron(T)		1000
	(ug/L)(chronic) = applies only above sted at 34.5(5), applies only to lakes					Lead	TVS	TVS
and reservoirs	larger than 25 acres surface area.		Inorganic (mg/	L)		Lead(T)	50	
"Classification only.	: DUWS applies to McPhee Reservoir			acute	chronic	Manganese	TVS	TVS/WS
Phosphorus(chronic) = applies only above the	Ammonia		TVS	TVS	Mercury(T)		0.01
	at 34.5(5), applies only to lakes and er than 25 acres surface area.	Boron			0.75	Molybdenum(T)		150
Uranium(acu	te) = See 34.5(3) for details.	Chloride			250	, , ,		
,	onic) = See 34.5(3) for details.	Chlorine		0.019	0.011	Nickel	TVS	TVS
Temperature $MWAT = 21.0$	(4/1 - 12/31) = Summit Reservoir	Cyanide		0.005		Nickel(T)		100
	rvoir MWAT = 21.1	Nitrate		10		Selenium	TVS	TVS
		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.025*	Uranium	varies*	varies*
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
	th Stoner Creek. Mainstem of Little Ta Classifications		cal and Biolog				Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
WC	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:		pН		6.5 - 9.0		Chromium III		TVS
								1 0 0
Femporary M	odification(s):	chlorophyll a (mg/m²)			150	Chromium III(T)	50	
	· · · · · · · · · · · · · · · · · · ·	chlorophyll a (mg/m²) E. coli (per 100 mL)				Chromium III(T) Chromium VI		
Arsenic(chron	i c) = hybrid				150	. ,	50	TVS
Arsenic(chron	ic) = hybrid e of 12/31/2024	E. coli (per 100 mL)	Inorganic (mg/		150	Chromium VI	50 TVS	TVS
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL)	Inorganic (mg/		150	Chromium VI Copper	50 TVS TVS	TVS TVS WS
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024	E. coli (per 100 mL)	lnorganic (mg/	L) acute	150 126 chronic	Chromium VI Copper Iron	50 TVS TVS 	TVS TVS WS
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia	Inorganic (mg/	 L)	150 126 chronic TVS	Chromium VI Copper Iron Iron(T) Lead	50 TVS TVS 	TVS TVS WS
Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron	Inorganic (mg/	L) acute TVS	150 126 chronic TVS 0.75	Chromium VI Copper Iron Iron(T) Lead Lead(T)	50 TVS TVS TVS 50	TVS
Arsenic(chron Expiration Dat Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride	lnorganic (mg/	L) acute TVS	150 126 chronic TVS 0.75 250	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	50 TVS TVS TVS 50 TVS	TVSWS
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine	lnorganic (mg/	acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	50 TVS TVS TVS 50 TVS	TVS WS 1000 TVS TVS/WS 0.01
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide	Inorganic (mg/	TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	50 TVS TVS TVS 50 TVS	TVSWS 0.01
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	Inorganic (mg/	TVS 0.019 0.005	150 126 chronic TVS 0.75 250 0.011	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	50 TVS TVS TVS 50 TVS TVS TVS	TVS/WS TVS/WS TVS/WS TVS/WS TVS/VS
*Uranium(acu	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Inorganic (mg/	acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05	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 WS 1000 TVS TVS/WS 0.01 150 TVS
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/	acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Chromium VI Copper Iron Iron(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
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus Sulfate	Inorganic (mg/	acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05 0.11 WS	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 WS 1000 TVS TVS/WS 0.01 150 TVS TVS TVS(tr)
Arsenic(chron Expiration Dat	ic) = hybrid e of 12/31/2024 te) = See 34.5(3) for details.	E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Inorganic (mg/	acute TVS 0.019 0.005 10	150 126 chronic TVS 0.75 250 0.011 0.05 0.11	Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	50 TVS TVS TVS 50 TVS TVS TVS TVS	TVS/WS 0.00 150 TVS

COSJDO06	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
teviewable	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
ualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		рН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
•	ute) = See 34.5(3) for details.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Uranium(chr	onic) = See 34.5(3) for details.				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
Mainstem o	of Cool Crook including watlands for	om the boundary of the Lizard Head	d Wilderness Area	to the conflue	ence with the Dolores River	r	
· ····aii··otoiii· t	of Coal Creek <u>, including wetlands,</u> in			to the commu	1		
	Classifications	Physical and	Biological			Metals (ug/L)	
COSJDO07 Designation	Classifications Agriculture	Physical and	Biological DM	MWAT		Metals (ug/L) acute	chronic
COSJDO07 Designation	Classifications Agriculture Aq Life Cold 1		Biological		Arsenic	Metals (ug/L)	chronic
OSJDO07 Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM	MWAT		Metals (ug/L) acute	
COSJDO07 Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-I	MWAT CS-I	Arsenic	Metals (ug/L) acute 340	
esignation deviewable	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	Arsenic Arsenic(T)	Metals (ug/L) acute 340	0.02 TVS
COSJDO07 Designation Reviewable Qualifiers:	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-I acute	MWAT CS-I chronic 6.0	Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	0.02 TVS
COSJDO07 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	Arsenic Arsenic(T) Cadmium Cadmium(T)	Metals (ug/L) acute 340 TVS 5.0	0.02
cosJD007 Designation Reviewable Qualifiers: Other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(3) for details.	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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	Metals (ug/L) acute 340 TVS 5.0	 0.02 TVS TVS
COSJDO07 Designation Reviewable Qualifiers: Other: Uranium(acu	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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS 5.0 50	0.02 TVS
cosJD007 Designation Reviewable Qualifiers: Other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340 TVS 5.0 50 TVS	 0.02 TVS TVS TVS
cosJD007 Designation Reviewable Qualifiers: Other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0	MWAT CS-I chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	 0.02 TVS TVS TVS WS
cosJD007 designation deviewable dualifiers: other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L)	MWAT CS-I chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	 0.02 TVS TVS TVS WS
cosJD007 designation deviewable dualifiers: other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 ic (mg/L) acute	MWAT CS-I chronic 6.0 7.0 150 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	 0.02 TVS TVS
cosJD007 designation deviewable dualifiers: other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 ic (mg/L) acute TVS	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	TVS TVS WS 1000
osjpoor esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 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	Arsenic Arsenic(T) 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 50 TVS TVS TVS TVS 50	TVS TVS TVS TVS TVS TVS TVS
osJD007 esignation eviewable ualifiers: ther:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 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	Arsenic Arsenic(T) Cadmium 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 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS	0.02 TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation eviewable eualifiers: bther: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 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	Arsenic Arsenic(T) 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 50 TVS TVS TVS 50 TVS TVS 50 TVS	TVS/WS 0.01
cosJD007 designation deviewable dualifiers: other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 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	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)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS	0.02 TVS TVS TVS WS 1000 TVS TVS/WS 0.01
cosJD007 designation deviewable dualifiers: other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 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	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	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS	TVS/WS 0.01 150 TVS
cosJD007 designation deviewable dualifiers: other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05 0.11	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)	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	TVS/WS 0.01 150 TVS
COSJDO07 Designation Reviewable Qualifiers: Other: Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply ute) = See 34.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	Biological DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	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) Selenium	Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS	TVS/WS 0.01 150 TVS 1000 TVS/WS 0.01 150 TVS

COSJDO08	Classifications	Physi	cal and Biologi	ical			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:	ı	D.O. (spawning)			7.0	Cadmium(T)	5.0	
Other:		pH		6.5 - 9.0		Chromium III		TVS
	L PC C ()	chlorophyll a (mg/m²)			150	Chromium III(T)	50	
	odification(s):	E. coli (per 100 mL)			126	Chromium VI	TVS	TVS
Arsenic(chron	te of 12/31/2024					Copper	TVS	TVS
	le 01 12/31/2024		Inorganic (mg/l	1)		Iron		WS
Uranium(acu	te) = See $34.5(3)$ for details.		morganic (mg/	acute	chronic	Iron(T)		1000
Uranium(chro	onic) = See 34.5(3) for details			TVS	TVS	Lead	TVS	TVS
		Ammonia					50	
		Boron			0.75	Lead(T)	TVS	TVS/WS
		Chloride			250	Manganese		
		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			0.11	Selenium	TVS	TVS
		Sulfate			WS	Silver	TVS	TVS(tr)
		Sulfide			0.002	Uranium	varies*	varies*
						Zinc	TVS	TVS
	1	ands, from a point immediately be	low the Town of	f Rico's wate	er supply dive	ersion to the confluence w	vith the Dolores River.	
COSJDO09								
	Classifications	Physi	cal and Biologi		B414/4 T		Metals (ug/L)	
	Agriculture		cal and Biologi	DM	MWAT		Metals (ug/L) acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	cal and Biologi	DM CS-I	CS-I	Arsenic	Metals (ug/L) acute 340	
	Agriculture Aq Life Cold 1 Recreation E 5/1 - 4	Temperature °C	cal and Biologi	DM	CS-I chronic	Arsenic(T)	Metals (ug/L) acute 340	7.6
Reviewable	Agriculture Aq Life Cold 1	Temperature °C	cal and Biologi	DM CS-I acute	CS-I chronic 6.0	Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	7.6 TVS
Reviewable	Agriculture Aq Life Cold 1 Recreation E 5/1 - 4 Recreation N 11/1 -	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning)	cal and Biologi	CS-I acute	CS-I chronic	Arsenic(T)	Metals (ug/L) acute 340	7.6 TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Cold 1 Recreation E 5/1 - 4 Recreation N 11/1 -	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH	cal and Biologi	DM CS-I acute	CS-I chronic 6.0 7.0	Arsenic(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	7.6 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Cold 1 Recreation E 5/1 - 4 Recreation N 11/1 -	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning)	cal and Biologi	CS-I acute	CS-I chronic 6.0 7.0	Arsenic(T) Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	7.6 TVS TVS
Reviewable Qualifiers: Fish Ingestio	Agriculture Aq Life Cold 1 Recreation E 5/1 - 4 Recreation N 11/1 -	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	cal and Biologi	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	
Reviewable Qualifiers: Fish Ingestion Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	-	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS	7.6 TVS TVS 100 TVS
·	Agriculture Aq Life Cold 1 Recreation E 5/1 - 4 Recreation N 11/1 -	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	5/1 - 10/31	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150 126	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	7.6 TVS TVS 100 TVS TVS
Reviewable Qualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150 126	Arsenic(T) Cadmium Chromium III Chromium VI Chromium VI Copper Iron	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TV	7.6 TVS TVS 100 TVS TVS TVS
Reviewable Qualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0 L)	CS-I chronic 6.0 7.0 150 126 630	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	7.6 TVS TVS 100 TVS TVS
Reviewable Qualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL)	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0 L)	CS-I chronic 6.0 7.0 150 126 630 chronic	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese	Metals (ug/L) acute 340 TVS	7.6 TVS TVS 100 TVS TVS TVS TVS 0.01
deviewable dualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0 L) acute TVS	CS-I chronic 6.0 7.0 150 126 630 chronic TVS	Arsenic(T) Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	7.6 TVS TVS 100 TVS
deviewable dualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron	5/1 - 10/31 11/1 - 4/30	DM	CS-I chronic 6.0 7.0 150 126 630 chronic TVS 0.75	Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS	7.6 TVS TVS 100 TVS TVS TVS TVS 0.01
Reviewable Qualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride	5/1 - 10/31 11/1 - 4/30	DM	CS-I chronic 6.0 7.0 150 126 630 chronic TVS 0.75	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS	7.6 TVS TVS 100 TVS TVS TVS TVS TVS TVS 0.01
Reviewable Qualifiers: Fish Ingestion Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0 L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 630 Chronic TVS 0.75 0.011	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	Metals (ug/L) acute 340 TVS TVS	7.6 TVS TVS 100 TVS TVS TVS TVS TVS TVS TVS TVS
Reviewable Qualifiers: Fish Ingestion Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/31 11/1 - 4/30	CS-I acute 6.5 - 9.0 L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 630 Chronic TVS 0.75 0.011	Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	Metals (ug/L) acute 340 TVS	7.6 TVS TVS 100 TVS TVS TVS TVS TVS TVS TVS TVS TVS
Reviewable Qualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0 L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 150 126 630 Chronic TVS 0.75 0.011 0.05	Arsenic(T) Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS	7.6 TVS TVS 100 TVS
Reviewable Qualifiers: ish Ingestio Other: Uranium(acu	Agriculture Aq Life Cold 1 Recreation E 5/1 - 7 Recreation N 11/1 - n te) = See 34.5(3) for details.	Temperature °C 10/31 4/30 D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) E. coli (per 100 mL) Ammonia Boron Chloride Chlorine Cyanide Nitrate	5/1 - 10/31 11/1 - 4/30	DM CS-I acute 6.5 - 9.0 L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 150 126 630 Chronic TVS 0.75 0.011	Arsenic(T) Cadmium Chromium III Chromium VI Chromium VI Copper Iron Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L) acute 340 TVS	7.6 TVS TVS 100 TVS

10a. Mainsten				Junuary to a			
COSJDO10A	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:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
,	chronic) = WS, TVS and 50 ug/L	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	te) = See 34.5(3) for details.				Copper	TVS	TVS
"Oranium(cnro	onic) = See 34.5(3) for details.	Inorgani	ic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
ĺ		Chloride		250	Manganese	TVS	varies*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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
10b. Mainster	n of the West Dolores River <u>, includin</u>	ng wetlands, from above the conflu	ence with Fish Cree	ek to the cor			TVS
COSJDO10B	n of the West Dolores River <u>. includin</u> Classifications	og wetlands, from above the confluence of the co		ek to the con			TVS
COSJDO10B Designation	Classifications Agriculture		Biological DM	MWAT		River.	TVS
COSJDO10B	Classifications Agriculture Aq Life Cold 1		Biological			River. Metals (ug/L)	
COSJDO10B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and	Biological DM	MWAT	fluence with the Dolores	River. Metals (ug/L) acute	chronic
COSJDO10B Designation Reviewable	Classifications Agriculture Aq Life Cold 1	Physical and	Biological DM CS-II	MWAT CS-II	fluence with the Dolores	River. Metals (ug/L) acute 340	chronic
COSJDO10B Designation	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C	Biological DM CS-II acute	MWAT CS-II chronic	Arsenic Arsenic(T)	River. Metals (ug/L) acute 340	chronic 0.02
COSJDO10B Designation Reviewable	Classifications Agriculture Aq Life Cold 1 Recreation E	Physical and Temperature °C D.O. (mg/L)	Biological DM CS-II acute	MWAT CS-II chronic 6.0	Arsenic Arsenic(T) Cadmium	River. Metals (ug/L) acute 340 TVS	chronic 0.02 TVS
COSJDO10B Designation Reviewable Qualifiers: Other:	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	Biological DM CS-II acute	MWAT CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T)	River. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS
COSJDO10B 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	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III	River. Metals (ug/L) acute 340 TVS 5.0	chronic 0.02 TVS TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(a**Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(3) for details.	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	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	River. Metals (ug/L) acute 340 TVS 5.0 50	chronic 0.02 TVS TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	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-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS	chronic 0.02 TVS TVS TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS	chronic 0.02 TVS TVS TVS TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L)	MWAT CS-II chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	chronic 0.02 TVS TVS TVS VS TVS WS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(a**Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T)	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	DM CS-II acute 6.5 - 9.0	MWAT CS-II chronic 6.0 7.0 150 126 chronic	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS	Chronic 0.02 TVS TVS TVS WS 1000 TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50	Chronic 0.02 TVS TVS TVS TVS TVS TVS TVS S TVS TVS TVS TVS T
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS TVS 50 TVS TVS 50 TVS	**Chronic***
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	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 S TVS WS 1000 TVS varies*TVS/WS 0.01
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(a**Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS	Chronic 0.02 TVS TVS TVS S TVS WS 1000 TVS Varies*TVS/WS 0.01 150
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(content of the content of the co	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel	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 S TVS WS 1000 TVS Varies*TVS/WS 0.01 150 TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(a**Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T)	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 S TVS WS 1000 TVS Varies*TVS/WS 0.01 150 TVS 100 TVS
COSJDO10B Designation Reviewable Qualifiers: Other: *Manganese(a**Uranium(acu	Classifications Agriculture Aq Life Cold 1 Recreation E Water Supply Chronic) = WS, TVS and 50 ug/L te) = See 34.5(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	Biological DM CS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	MWAT CS-II chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011 0.05	Arsenic Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T) Nickel Nickel(T) Selenium	River. Metals (ug/L) acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS TVS TVS TVS	chronic 0.02 TVS TVS TVS S TVS WS 1000 TVS Varies*TVS/WS 0.01 150 TVS 100

COSJDO11A	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	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	
Water + Fish	Standards	pН	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
		E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
•	e) = See 34.5(3) for details.				Copper	TVS	TVS
"Uranium(chro	nic) = See 34.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

11c. All tributaries to McPhee Reservoir, including wetlands, except for the specific listings in Segments 4a and 11b. All tributaries to the Dolores River, including wetlands, from the outlet of McPhee Reservoir to the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line). Beaver Creek and Plateau Creek, including all-tributaries and wetlands, from their sources to their confluence with the Dolores River.

COSJDO11C	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-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 Mo	odification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chroni	()	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2024				Copper	TVS	TVS
*! !===:/==	(a) O 04 5(0) for dataile	Inorgan	ic (mg/L)		Iron		WS
,	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cmo	inio) – dee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS
		Sulfide		0.002	Uranium	varies*	varies*
					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) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.
- (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.

TABLE 1

ANIMAS RIVER BASIN AQUATIC LIFE INDICATOR GOAL: BROOK TROUT

Segment 3a Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
	0/1/4		IVI/AF	AFIX	IVI/\I	OUNE	JULI	700	JEF I	0 0 1	1404	DEO
Zn.	720	700	1060	1200	760	410	200	240	200	440	E 10	500
∠n	720	780	1060	1200	760	410	280	340	380	440	510	590

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Mn	TVS	TVS	2571	2179	TVS	TVS	TVS	TVS	TVS	TVS	TVS	TVS
Zn	720	780	1060	1200	760	410	280	340	380	440	510	590

Segment 4a

Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Al(Trec)	3100	3550	2800	2020	1010	740	700	1360	1490	1610	2280	2570
Zn	460	520	620	570	430	250	170	240	290	340	380	420

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
pН	5.9-9.0	5.7-9.0	6.2-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	5.9-9.0
Al(Trec)	3100	3550	2800	2020	1010	740	700	1360	1490	1610	2280	2570
Fe	3473	2961	3776	3404	2015	1220	1286	1830	1623	2258	2631	3511
Zn	460	520	620	570	430	250	170	240	290	340	380	420

Segment 9

Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Al(Trec)	4680	4950	4560	3800	1390	1350	1290	2040	2570	2680	3450	4050

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
рН	4.9-9.0	4.8-9.0	4.9-9.0	5.9-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.2-9.0	5.4-9.0
Al(Trec)	4680	4950	4560	3800	1390	1350	1290	2040	2570	2680	3450	4 050
Cu	TVS	TVS	TVS	18	20	TVS						
Fe	3420	3800	4370	3370	3150	2210	2275	2280	3020	3580	3620	3490
Zn	TVS	TVS	TVS	TVS	230	TVS						

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 34 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN RIVER AND DOLORES RIVER BASINS

5 CCR 1002-34

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

34.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

34.2 PURPOSE

These regulations establish classifications and numeric standards for the San Juan and the Dolores River Basins, including all tributaries and standing bodies of water south of the northern Dolores County lines, as indicated in section 34.6. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

34.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See Appendix 34-1). 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 34-1. 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 regulations".

34.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

34.5 BASIC STANDARDS

(1) <u>Temperature</u>

All waters of the San Juan/Dolores River Basin are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) Qualifiers

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 Table B 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 Appendix 34-1. 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 Appendix 34-1.

(3) Uranium

- (a) All waters of the San Juan/Dolores River Basin, are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 µg/L or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 μg/L range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) Indian Reservations

Some of the waterbodies in the San Juan/Dolores River Basin cross boundaries of Indian Reservations of the Southern Ute and Ute Mountain Ute Tribes. The Commission has included water quality classifications and standards on lands within the boundaries of these reservations in order to avoid a gap in the classifications and standards adopted for the river basins in question. The Southern Ute Indian tribe has not yet been granted authority by EPA to conduct their own water quality program, and EPA has granted the Southern Ute and Ute Mountain Ute Indian tribe's' applications for treatment as a state with respect to adoption of water quality standards. The Commission intends that the classifications and standards that it is adopting apply to the lands in question only to the extent that the state has jurisdiction and is not attempting to resolve that jurisdictional issue here. Segments within Reservation boundaries are noted in the segment description and last column of Appendix 34-1 tTables 34-6(4).

(5) Nutrients

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll *a* will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the San Juan 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 San Juan River Basin:

Segment	Permittee	Facility name	Permit No.
COSJSJ05	San Juan River Village Metro	San Juan River Village Metro WWTF	COG588013
COSJSJ06a	High Country Lodge LLC	High Country Lodge	COG588002
COSJSJ06b	Pagosa Springs Sanitation District	Pagosa Springs San District WWTF	CO0022845
COSJPI06d	Pagosa Area Water and San Dist	Vista WWTF	CO0031755
COSJPN02a	Bayfield Town of	Bayfield Town of	CO0048291
COSJPN02a	Five Branches Camper Park	Five Branches Camper Park	COG588054
COSJPN02a	Forest Lake Metro Dist	Forest Lakes Metro District	CO0048160
COSJPN02a	Pine River Camp LLC	Kanakuk Colorado Youth Camp	COG588059
COSJPN04a	Lipslea Enterprises LLC	Vallecito Resort	COG588026
COSJAF03b	Silverton Town of	Silverton Town of WWTF	CO0020311
COSJAF04b	Herrick Durango Land Co LLC	Durango North Ponderosa KOA	COG588020
COSJAF05a	Hermosa Sanitation District	Hermosa Sanitation District	COG588010
COSJAF05a	Durango City of	Durango City of	CO0024082
COSJAF05a	South Durango Sanitation District	South Durango SD WWTF	COG588057
COSJAF10a	Edgemont Ranch Metro Dist	Edgemont Ranch Metro District WWTF	CO0040266
COSJAF10 <u>b</u>	Forest Groves Estates	Forest Groves Estates WWTP	COG588030
COSJAF11b	Durango La Plata County Airport	Durango/La Plata County Airport	CO0047457
COSJAF12a	Grizzly Peak Water Sales&Distribution LLC	Cascade Village WWTF	CO0039691
COSJAF12a	Purgatory Metropolitan District	Purgatory Metropolitan Dist	COG589010
COSJAF13c	Durango West Metro Dist #2	Durango West Metro Dist #2 WWTF	COG589115
COSJAF13d	Narrow Gauge MHP	Narrow Gauge MHP	COG589077
COSJAF14b	MacArthur Apartments LLC	Lightner Creek Campground	CO0026468
COSJLP05	Mancos Town of	Mancos Town of	CO0021687
COSJLP05a	Upper Valley Sanitation	Upper Valley Sanitation Dist.	CO0047147
COSJLP07a	Cortez Sanitation District	Southwest WWTF	CO0027545
COSJLP07a	Vista Verde Village LLC	Vista Verde Village	CO0037702
COSJLP08	Elegant Hills Park and Estates LLC	Lakeside WWTF	COG589098
COSJLP09	Lee Mobile Home Park	Lee Mobile Home Park	COG589070
COSJLP 0 10	Dove Creek Town of	Dove Creek WWTF	COG589079
COSJDO04a	Fort Beyhan LLC	Dolores River RV Park and Cabins	COG588071
COSJDO04a	Dolores Town of	Dolores WWTF	CO0040509

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 note was added to the total phosphorus and chlorophyll *a* standards in these segments. The note references the table of qualified facilities at 34.5(5).
- For segments located entirely below these facilities, nutrient standards do not apply.

A note 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.

34.6 TABLES

(1) Introduction

The numeric standards for various parameters in this regulation and in the tables in Appendix 34 1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses. For each parameter listed in the tables in Appendix 34-1, only the most stringent standard is shown. Additional, less stringent standards may apply to protect additional uses and can be found in the tables in Regulation No. 31.

Numeric standards are not assigned for all parameters listed in the tables in 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 the tables in Appendix 34-1:

ac	=	acute (1-day)
AEL °C	=	alternative effluent limit
°C	=	degrees Celsius
ch	=	chronic (30-day)
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
DM	=	daily maximum temperature
D.O.	=	dissolved oxygen
DUWS	=	direct use water supply
E. coli	=	Escherichia coli
mg/L	=	milligrams per liter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters
SC	=	sculpin
sp	=	spawning
SSE	=	site-specific equation
t	=	total
T	=	total recoverable
tr	=	trout
TVS	=	table value standard
μg/L	=	micrograms per liter

UP = use-protected

WL = warm lake temperature tier

WS = water supply

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

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

Iron (chronic) = WS Manganese (chronic) = WS Sulfate (chronic) = WS

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(i) existing quality as of January 1, 2000; or

(ii) Iron = $300 \mu g/L$ (dissolved) Manganese = $50 \mu g/L$ (dissolved) Sulfate = $250 \mu g/L$ (dissolved)

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 Other column in Appendix 34-1 tables as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2024. Where a permit for an existing discharge is reissued or modified while the temporary modification is in effect, the division will include additional permit Terms and Conditions, which may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent.
 - (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 (total recoverable), expiring on 12/31/2024.
 - (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
 - (b) The second number in the range is a technology-based value established by the Commission for the purpose of this temporary modification.
 - (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range.

(3) Table Value Standards

In certain instances in the tables in Appendix 34-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS (Concentrations in µg/L unless noted)

PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS (2)(3)
Aluminum(T)	Acute = $e^{(1.3695*ln(hardness)+1.8308)}$
	pH equal to or greater than 7.0
	Chronic=e ^{(1.3695*In(hardness)-0.1158)}
	pH less than 7.0
	Chronic= e ^{(1.3695*In(hardness)-0.1158)} or 87, whichever is less
Ammonia ⁽⁴⁾	Cold Water = (mg/L as N) Total
	$acute = \frac{0.275}{1+10} + \frac{39.0}{1+10} + \frac{1+10}{1+10} + \frac{1}{1+10} = \frac{1}{1+10} + \frac{1}{1+10} = \frac{1}{1+10} + \frac{1}{1+10} = \frac{1}{1+10} $
	$chronic = \left(\frac{0.0577}{1+10} + \frac{2.487}{1+10} + \frac{1}{1+10} + \frac{2.487}{1+10} + \frac{1}{1+10} + \frac{1}$
	Warm Water = (mg/L as N) Total
	0.411 58 .4
	$acute = \frac{1}{1+10} 7.204 - pH + \frac{1}{1+10} pH - 7.204$
	$acute = \frac{0.411}{1 + 10^{-7.204 - pH}} + \frac{58.4}{1 + 10^{-pH - 7.204}}$ $chronic (Aprl - Aug31) = \left(\frac{0.0577}{1 + 10^{-7.688 - pH}} + \frac{2.487}{1 + 10^{-pH - 7.688}}\right) * MIN(2.85, 1.45 * 10^{-0.028(25 - T)})$
	$chronic \; (Sep 1 - Mar 31) = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) * 1.45 * 10^{0.028*(25 - MAX(T, 7))}$
Cadmium	Acute(warm) ⁽⁵⁾ = $(1.136672-(ln(hardness)*0.041838))*e^{(0.9789*ln(hardness)-3.443)}$
	Acute(cold) ⁽⁵⁾ = $(1.136672-(ln(hardness)*0.041838))*e^{(0.9789*ln(hardness)-3.866)}$
	Chronic = (1.101672-(In(hardness)*0.041838))*e ^{(0.7977*In(hardness)-3.909)}
Chromium III ⁽⁶⁾	Acute = $e^{(0.819^{*}ln(hardness)+2.5736)}$
	$Chronic = e^{(0.819*ln(hardness)+0.5340)}$
Chromium VI ⁽⁶⁾	Acute = 16
	Chronic = 11
Copper	Acute = $e^{(0.9422*ln(hardness)-1.7408)}$
	Chronic = $e^{(0.8545^{+}ln(hardness)-1.7428)}$
Lead	Acute = (1.46203-(ln(hardness)*0.145712))*e ^{(1.273*ln(hardness)-1.46)}
	Chronic = $(1.46203-(ln(hardness)*0.145712))*e^{(1.273*ln(hardness)-4.705)}$
Manganese	Acute = $e^{(0.3331*ln(hardness)+6.4676)}$
	Chronic = $e^{(0.3331*ln(hardness)+5.8743)}$
Nickel	Acute = $e^{(0.846*ln(hardness)+2.253)}$
	Chronic = $e^{(0.846*ln(hardness)+0.0554)}$
Selenium ⁽⁷⁾	Acute = 18.4
	Chronic = 4.6
Silver	Acute = $0.5 \cdot e^{(1.72 \cdot \ln(\text{hardness}) - 6.52)}$
	Chronic = $e^{(1.72*ln(hardness)-9.06)}$
	Chronic(Trout) = $e^{(1.72*ln(hardness)-10.51)}$

Temperature	TEMPEDATURE	TIED	CDECIES EXPECTED TO	ADDITIONALE	TEMPERATURE STANDARD (°C)					
	TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	MWAT	DM				
	Cold Stream	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7				
	Tier I			Oct. – May	9.0	13.0				
	Cold Stream	CS-II	all other cold-water	April – Oct.	18.3	24.3				
	Tier II		species	Nov. – March	9.0	13.0				
	Cold Lakes	CL	brook trout, brown trout, cutthroat trout, lake trout,	April – Dec.	17.0	21.2				
			rainbow trout, Arctic grayling, sockeye salmon	Jan. – March	9.0	13.0				
	Cold Large Lakes (>100	CLL	rainbow trout, brown trout, lake trout	April – Dec.	18.3	24.2				
	acres surface area)			Jan. – March	9.0	13.0				
	Warm Stream Tier II	WS-II	stoneroller, creek chub, longnose dace, northern	March – Nov.	27.5	28.6				
			redbelly dace, finescale dace, razorback sucker, white sucker, mountain sucker	Dec. – Feb.	13.8	25.2				
	Warm Stream	WS-III	all other warm-water	March – Nov.	28.7	31.8				
	Tier III		species	Dec. – Feb.	14.3	24.9				
	Warm Lakes	WL	black crappie, bluegill, common carp, gizzard shad, golden shiner, largemouth bass, northern	April – Dec.	26.2	29.3				
	sauger, sma spottail shin striped bass muskellunge wiper, white		pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, stonecat, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	Jan. – March	13.1	24.1				
Uranium	Acute = $e^{(1.1021*I)}$ Chronic = $e^{(1.102)}$	21*In(hardnes	s)+2.2382)							
Zinc	Acute = 0.978*e(0.9094*ln(hardness)+0.9095) Chronic = 0.986*e(0.9094*ln(hardness)+0.6235) Where hardness is less than 102 mg/L CaCO³ and mottled sculpin are expected to be present: Chronic (sculpin) = e (2.140*ln(hardness)-5.084)									

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/L as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.

- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.
- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the commission on a site-specific basis where appropriate evidence is submitted. The "T" in the chronic equations stands for temperature.
- (5) The acute(warm) cadmium equation applies to segments classified as Aquatic Life Warm Class 1 or 2. The acute(cold) cadmium equation applies to segments classified as Aquatic Life Cold Class 1 or 2.
- Unless the stable forms of chromium in a waterbody have been characterized and shown not to be predominantly chromium VI, data reported as the measurement of all valence states of chromium combined should be treated as chromium VI. In addition, in no case can the sum of the concentrations of chromium III and chromium VI or data reported as the measurement of all valence states of chromium combined exceed the water supply standards of 50 μg/L chromium in those waters classified for domestic water use.
- (7) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (4) Discharger-s-Specific Variances
 - (a) Animas and Florida River Segment 13c (COSJAF13c):

Discharger-Sspecific Variance, Durango West Metro Dist. #2 (COG589115), Adopted 8/11/2014.

Ammonia (acute/chronic): AEL-=-25 mg/L (starting 1/1/2017); Ammonia (acute/chronic): AEL-=-15 mg/L (starting 1/1/2019). Expiration Date: 12/31/2024. The first number is the underlying standard previously adopted by the Commission for the segment and represents the long-term goal for the waterbody. The first number will be used for assessing attainment for the waterbody and for the development of effluent limitations. The second number is the Commission's determination of the effluent concentration with the highest degree of protection of the classified use that is feasible for Durango West Metro District. Control requirements, such as discharge permit effluent limitations, shall be established using the first number as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number during the term of the DSV for the named dischargers.

(b) La Plata Segment 7a (COSJLP07a):

Discharger-sepecific Variance, Vista Verde Village, LLC (CO0037702). Adopted 12/14/2020.

Ammonia (acute/chronic): <u>AEL</u> = <u>TVS</u>:14 mg/L <u>(5/1-10/31) from May October</u>; <u>Ammonia (acute/chronic): AEL</u> = <u>TVS</u>:24 mg/L <u>(11/1-4/30) from November — April.</u> Expiration date: 6/30/2031. Effluent concentrations shall not exceed the current condition. (c) La Plata Segment 10 (COSJLP10):

Discharger-specific Variance, Town of Dove Creek (COG589079), Adopted 12/14/2020.

Ammonia (acute/chronic): <u>AEL=TVS:</u>10 mg/L_-(<u>6/1-10/31</u>)<u>from June — October</u>; <u>Ammonia (acute/chronic): AEL=_TVS:</u>20 mg/L (<u>11/1-5/31</u>)<u>from November - May</u>. Expiration date: 6/30/2025. Effluent concentrations shall not exceed the current condition.

(5) Stream Classifications and Water Quality Standards Tables

The stream classifications and water quality standards tables in Appendix 34-1 are incorporated herein by reference.

The following is information regarding duration and measured form of standards in Appendix 34-1:

- (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.
- (e) All ammonia, nitrate, and nitrite standards are based upon the concentration reported as nitrogen.
- (6) <u>Site-specific Standards, Assessment Locations, and Assessment Criteria</u>

The following criteria and/or locations shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

- (a) San Juan Segment 6b: Temperature Assessment Locations
 - Mill Creek at 119 Road: 37.245588, -107.004398
 - San Juan River below Pagosa Springs: 37.25171, -107.01037
- (b) San Juan Segment 6c: Temperature Assessment Location
 - Above Taylor Canyon: 37.172002, -107.035838

- (c) San Juan Segment 6d: Temperature Assessment Location
 - Above Rio Blanco: 37.121112, -107.044364
- (d) San Juan Segment 6e: Temperature Assessment Location
 - Above Navajo River: 37.04672, -107.1404
- (e) San Juan Segment 6f: Temperature Assessment Location
 - Above Navajo Reservoir: 37.01456, -107.30516
- (f) San Juan Segment 11c: Temperature Assessment Location
 - McCabe Creek at 400 Road: 37.265722,-107.013905
- (g) Piedra Segment 4a: Temperature Assessment Locations
 - Piedra River at Highway 160: 37.224016, -107.342255
 - Devil Creek at <u>Highway 160: 37.211038, -107.297370</u>State Wildlife Area: 37.172523, -107.295287
- (h) Piedra Segment 4b: Temperature Assessment Location
 - Piedra River at SUIT boundary: 37.141004, -107.355045
- (i) Piedra Segment 4c: Temperature Assessment Location
 - Piedra River below Stollsteimer Creek: 37.112804, -107.38508
- (i) Site-specific Standards for Animas River Segments 3a, 4a, and 9:

Segment 3a (COSJAF03a):

	<u>JAN</u>	FEB	MAR	<u>APR</u>	MAY	<u>JUNE</u>	<u>JULY</u>	<u>AUG</u>	<u>SEPT</u>	<u>OCT</u>	<u>NOV</u>	DEC
Acute Standards												
<u>Zn</u>	<u>720</u>	<u>780</u>	<u>1060</u>	<u>1200</u>	<u>760</u>	<u>410</u>	<u>280</u>	<u>340</u>	<u>380</u>	<u>440</u>	<u>510</u>	<u>590</u>
Chronic Standards												
<u>Mn</u>	<u>TVS</u>	TVS	<u>2571</u>	<u>2179</u>	TVS	<u>TVS</u>	<u>TVS</u>	<u>TVS</u>	<u>TVS</u>	<u>TVS</u>	<u>TVS</u>	<u>TVS</u>
<u>Zn</u>	<u>720</u>	<u>780</u>	<u>1060</u>	<u>1200</u>	<u>760</u>	<u>410</u>	<u>280</u>	<u>340</u>	<u>380</u>	<u>440</u>	<u>510</u>	<u>590</u>

Segment 4a (COSJAF04a):

esgment is to tay.												
	<u>JAN</u>	FEB	MAR	<u>APR</u>	MAY	<u>JUNE</u>	<u>JULY</u>	<u>AUG</u>	<u>SEPT</u>	<u>OCT</u>	NOV	DEC
Acute Standards												
AI(T)	<u>3100</u>	<u>3550</u>	<u>2800</u>	<u>2020</u>	<u>1010</u>	<u>740</u>	<u>700</u>	<u>1360</u>	<u>1490</u>	<u>1610</u>	2280	<u>2570</u>
<u>Zn</u>	<u>460</u>	<u>520</u>	<u>620</u>	<u>570</u>	<u>430</u>	<u>250</u>	<u>170</u>	<u>240</u>	<u>290</u>	<u>340</u>	<u>380</u>	<u>420</u>
Chronic Standards												
<u>pH</u>	<u>5.9-9.0</u>	<u>5.7-9.0</u>	6.2-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	<u>5.9-9.0</u>
AI(T)	<u>3100</u>	<u>3550</u>	<u>2800</u>	<u>2020</u>	<u>1010</u>	<u>740</u>	<u>700</u>	<u>1360</u>	<u>1490</u>	<u>1610</u>	<u>2280</u>	<u>2570</u>
Fe(T)	<u>3473</u>	<u>2961</u>	<u>3776</u>	<u>3404</u>	<u>2015</u>	<u>1220</u>	<u>1286</u>	<u>1830</u>	<u>1623</u>	<u>2258</u>	<u>2631</u>	<u>3511</u>

<u>Zn</u>	<u>460</u>	<u>520</u>	<u>620</u>	<u>570</u>	<u>430</u>	<u>250</u>	<u>170</u>	<u>240</u>	<u>290</u>	<u>340</u>	<u>380</u>	<u>420</u>
Seame	ent 9 (CO	SJAF09)·									
Cogine	JAN	<u>FEB</u>	MAR	<u>APR</u>	MAY	JUNE	JULY	<u>AUG</u>	SEPT	<u>OCT</u>	NOV	DEC
	•				Acı	ute Stand	<u>lards</u>			•		
AI(T)	<u>4680</u>	<u>4950</u>	<u>4560</u>	<u>3800</u>	<u>1390</u>	<u>1350</u>	<u>1290</u>	<u>2040</u>	<u>2570</u>	<u>2680</u>	<u>3450</u>	<u>4050</u>
					<u>Chr</u>	onic Stan	<u>dards</u>					
pН	<u>4.9-9.0</u>	<u>4.8-9.0</u>	4.9-9.0	<u>5.9-9.0</u>	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	<u>6.5-9.0</u>	6.2-9.0	<u>5.4-9.0</u>
AI(T)	<u>4680</u>	<u>4950</u>	<u>4560</u>	<u>3800</u>	<u>1390</u>	<u>1350</u>	<u>1290</u>	<u>2040</u>	<u>2570</u>	<u>2680</u>	<u>3450</u>	<u>4050</u>
Cu	TVS	TVS	TVS	<u>18</u>	<u>20</u>	TVS	TVS	TVS	TVS	TVS	TVS	<u>TVS</u>
Fe(T)	<u>3420</u>	<u>3800</u>	<u>4370</u>	<u>3370</u>	<u>3150</u>	<u>2210</u>	<u>2275</u>	2280	3020	<u>3580</u>	<u>3620</u>	<u>3490</u>
<u>Zn</u>	TVS	<u>TVS</u>	<u>TVS</u>	<u>TVS</u>	<u>230</u>	TVS	TVS	TVS	<u>TVS</u>	<u>TVS</u>	TVS	<u>TVS</u>

34.7 - 34.14 RESERVED

34.55 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), all existing temporary modifications were examined to determine whether they should be deleted, modified, extended, or left unchanged.

1. Temporary Modifications for Standards Other than Arsenic

The commission allowed to expire on 12/31/2022 temporary modifications on the following segments:

Animas and Florida River: 3b (COSJAF03b; acute and chronic copper), 4a (COSJAF04a; acute and chronic copper)

The Town of Silverton expects to be able to complete repairs to its collections system and minor treatment facility improvements in 2022 and 2023, which the town anticipates will allow it to come into compliance with its copper WQBELs. This will also resolve the uncertainty pertaining to the extent to which the town's effluent contributions to the ambient copper concentrations are reversible. Therefore, these temporary modifications are no longer justified.

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 35.47, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24), with the exception of those listed below, were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 35.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

Where evidence indicated the requirements to qualify for a temporary modification were not met, temporary modifications were deleted. The commission deleted chronic arsenic temporary modifications (expiring 12/31/2024) on several segments due to a lack of evidence of a demonstrated or predicted water quality-based effluent limit compliance problem for these segments. These segments have all been designated as Outstanding Waters, have no CDPS permitted dischargers with WQBELs for arsenic, and are headwaters (i.e., no dischargers on upstream segments, who may

receive WQBELs based on protection of downstream uses). Temporary modifications for arsenic were deleted from the following segments:

San Juan River: 4 (COSJSJ04) Piedra River: 1 (COSJPI01) Los Pinos River: 1 (COSJPN01)

Dolores River: 1 and 5b (COSJDO01 and COSJDO05b)

B. Site-specific Standards

Site-specific criteria-based standards are adopted where alternate criteria are shown to be protective of the classified uses. Site-specific ambient-based standards are adopted where natural or irreversible human-induced conditions result in pollutant concentrations that exceed table value standards. Feasibility-based ambient standards are adopted where water quality can be improved, but not to the level required by the current numeric standard. Information is currently being gathered to better understand the basis of all existing site-specific standards and determine what information is needed to review each standard in future basin reviews. The commission made no revisions to any site-specific standards at this time.

C. Discharger-specific Variances

The commission reviewed the basis, available information, and progress toward achieving the alternative effluent limits (AELs) for the three discharger-specific variances (DSVs) in Regulation No. 34.

<u>Animas and Florida River Segment13c (COSJAF13c)</u>: There is currently a DSV for acute and chronic ammonia, which applies to Durango West Metro District #2 (expires 12/31/2024).

<u>La Plata River Segment 7a (COSJLP07a)</u>: There is currently a DSV for acute and chronic ammonia, which applies to Vista Verde Village, LLC (expires 6/30/2031).

<u>La Plata River Segment 10 (COSJLP10)</u>: There is currently a DSV for acute and chronic ammonia, which applies to the Town of Dove Creek (expires 6/30/2025).

The commission determined that these dischargers continue to make progress on the plans set forth for their DSVs and that the adopted AELs continue to represent the highest attainable water quality that is feasible for these dischargers to achieve. Therefore, the commission determined that the DSVs are still appropriate and do not require revision at this time.

The commission added details to Section 34.6(4) for the Durango West DSV, including notation of the interim (25 mg/L [starting 1/1/2017]) and final (15 mg/L [starting 1/1/2019]) ammonia (acute/chronic) AELs, as well as the adoption and expiration dates of the DSV.

The commission adopted non-substantive revisions to the format of these DSVs in Section 34.6(4) and the Appendix 34-1 tables to provide clarity and consistency. General DSV implementation information previously noted for the Durango West DSV was removed because it was not unique to that particular DSV and general implementation guidance for DSVs can be found in Regulation No. 31 at 31.7(4). In addition, the acronym "AEL" was defined at 34.6(2)(a).

D. Standards to Protect the Aquatic Life, Recreation, Water Supply, and Agriculture Uses

The commission reviewed the standards applied to each segment to determine if the standards are consistent with the uses. Some segments assigned an Aquatic Life, Recreation, Water Supply, and/or Agriculture use classification were missing one or more standards to protect that use. The commission adopted the missing standards for the following segments:

Piedra River 6a (COSJPI06a): chronic iron and manganese standards to protect the Water Supply Use, which were inadvertently deleted in 2017, were adopted back onto this segment. Los Pinos River 7a (COSJPN07a): chronic arsenic standard of 7.6 μg/L was changed to 0.02-10 μg/L to protect the Water Supply Use adopted on this segment in 2017.

E. Other Standards to Protect Aquatic Life and Recreation Uses

The commission declined to adopt EPA's revised 304(a) Aquatic Life criteria for selenium, ammonia, and aluminum 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.

EPA has also released updated criteria or guidance for several other parameters, including copper (Aquatic Life), *E. coli* (Recreation), cyanotoxins (Recreation), and the human health risk exposure assumptions. However, the division does not recommend adopting EPA's recommendations for these parameters at this time, as these items are not included on the division's 10-year water quality roadmap.

F. Clarifications and Correction of Segmentation, Typographical, and Other Errors

The following edits were made to the regulation and Appendix 34-1 to improve clarity and correct typographical errors:

- 1. The commission updated the text at 34.5(4) to reflect that, in 2018, EPA granted the Southern Ute Indian tribe's applications for treatment as a state with respect to adoption of water quality standards.
- The qualified discharger table at 34.5(5) was updated to accurately reflect the segment location of Vallecito Resort, Forest Groves Estates WWTP, Upper Valley Sanitation District, Dove Creek and WWTF. In addition, the table was re-ordered by segment number (rather than alphabetically by discharger).
- 3. The commission added the adoption date (8/11/2014) of the Durango West Metropolitan District DSV (COSJAF13c) to 34.6(4).
- 4. The commission corrected the description of the temperature assessment location for COSJPI04a, Devil Creek at 34.6(6) to: Devil Creek at Highway 160: 37.211038, -107.297370.
- 5. Information regarding site-specific standards previously adopted for Animas River segments 3a, 4a, and 9 was moved from Appendix 34-1 to 34.6(6) and edited for clarity. It was clarified in the tables at 34.6(6) and in the Appendix 34-1 tables that the site-specific standards for iron pertain to the total recoverable (not dissolved) fraction.
- 6. To be consistent with other segment descriptions, wetlands were added to the descriptions of the following segments:

San Juan River: 5, 6b, 10, 11b, 11c Piedra River: 3, 4a, 5a, 5b, 6c, 6d Los Pinos River: 2c, 2d, 4, 5, 7a, 7b

Animas and Florida River: 6, 11c, 12a, 12c, 12d, 13a, 13b, 13c, 13d, 13e, 13f, 14a, 14b, 15

La Plata River: 3d, 3e, 4c, 5, 6a, 6b, 6c, 9 Dolores River: 5b, 6, 7, 8, 9, 10a, 10b, 11a, 11c

- 7. The commission adopted the missing statement of "*Southern Ute Indian Reservation" to the Appendix 34-1 table for COSJPN07a, to indicate that this segment is located within the Southern Ute Indian tribe's reservation boundaries.
- 8. The segment descriptions in Appendix 34-1 were reviewed, and minor revisions were made to correct segment exclusions in the following segments:

- The missing exclusion of listings in COSJPI04a was added to the description of COSJPI05b.
- b. The exclusion of COSJPN02b (a mainstem portion of the Pinos River) was deleted from the all tributaries to the Pinos segment COSJPN07a.
- The exclusion of COSJAF12b (Lemon Reservoir) was deleted from the streams segment COSJAF12a.
- d. The missing exclusion of COSJAF22 (Electra Lake) was added to the description of COSJAF21. COSJAF21 was also corrected to clarify that the listings in Segment 12b are excluded from the lakes and reservoirs in Segment 21, which are tributary to the Florida River, not the Animas River.
- e. The description of COSLP08 was corrected to update some of the exclusions to match updated segmentation (added 9 and deleted exclusions for 7b and 11).
- f. The description of COSLP10 was corrected to update some of the exclusions to match updated segmentation (changed 8c to 9 and deleted exclusions for 10b and 11).
- g. The missing exclusion of listings in COSJLP11 was added to the description of COSJLP19.
- 9. The aluminum standards for COSJAF04a, 5a, 5b, 5c, 5d, and 9 were clarified to show they are total recoverable "Aluminum(T)". Aluminum standards for COSJAF05a, b, c, and d = TVS, which is based on total recoverable "Aluminum(T)". Aluminum standards for COSJAF04a and 9 are site-specific aluminum standards. Per 34.29, these standards are also based on the total recoverable fraction.
 - "The aluminum standards for segments 3a, 4a and 9 have been specified as "total recoverable", since that sampling fraction correlates better with the principal aquatic life toxicity studies available than the dissolved fraction."
- 10. The dates for when the Recreation E Use applies to COSJPI07 were corrected to be consistent with the associated E. coli standards in the Appendix 34-1 tables.
- 11. The dates for when the CLL MWAT temperature standards for COSJDO04b apply were corrected.
- 12. The commission changed the depiction of the chronic manganese standards on Segments COSJDO10a and 10b from varies*, with * = WS, TVS and 50 ug/L to TVS/WS. TVS/WS is the standardized depiction in the Appendix tables for segments with Water Supply and Aquatic Life uses to account for the stipulations at 31.11(6) for protection of the Water Supply Use and protection of the Aquatic Life use via application of the TVS equations.
- 13. Other minor edits were made to improve clarity and consistency.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
GUNNISON AND LOWER DOLORES RIVER BASINS

APPENDIX 35-1
Stream Classifications and Water Quality Standards Tables

Effective <u>12/31/2021</u>9/30/2022

Abbreviations and Acronyms

Aquatic =

Aq °C = degrees Celsius

CL cold lake temperature tier = CLL cold large lake temperature tier = CS-I cold stream temperature tier one CS-II cold stream temperature tier two

D.O. dissolved oxygen =

daily maximum temperature DM DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality mg/L milligrams per liter

 $mg/m^2 =$ milligrams per square meter

mĹ milliliter =

MWAT = maximum weekly average temperature

OW outstanding waters =

SC sculpin =

SSE site-specific equation = total recoverable Т =

total t = trout tr =

TVS table value standard μg/L = micrograms per liter ÜP = use-protected WS = water supply

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

WL warm lake temperature tier

1. All tributaries and wetlands to the Gunnison River, including and wetlands, within the La Garita, Powderhorn, West Elk, Collegiate Peaks, Maroon Bells, Raggeds, Fossil Ridge, or Uncompander Wilderness Areas. COGUUG01 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT acute chronic OW Aa Life Cold 1 Temperature °C CS-I CS-I 340 Arsenic Recreation E acute chronic 0.02 Arsenic(T) ---Water Supply D.O. (mg/L) 6.0 Cadmium TVS TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 --рΗ 6.5 - 9.0 ---Chromium III TVS Other: chlorophyll a (mg/m2) 150 Chromium III(T) 50 Temporary Modification(s): E. coli (per 100 mL) 126 Chromium VI **TVS** TVS Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 Copper **TVS TVS** WS Inorganic (mg/L) Iron *Uranium(acute) = See 35.5(3) for details. Iron(T) 1000 acute chronic *Uranium(chronic) = See 35.5(3) for details. TVS Lead TVS TVS **TVS** Ammonia 0.75 Lead(T) 50 Boron Manganese **TVS** TVS/WS 250 Chloride Mercury(T) 0.01 Chlorine 0.019 0.011 Molybdenum(T) 150 Cyanide 0.005 TVS TVS Nickel Nitrate 10 0.02 Nickel(T) 100 Nitrite Selenium TVS TVS **Phosphorus** 0.11 TVS(tr) WS Silver TVS Sulfate Uranium varies* varies* Sulfide 0.002 TVS TVS 6a. All tributaries and wetlands to the East River from a point immediately above its confluence with the Slate River to its confluence with the Gunnison River, except for specific listings in Segments 6b and 6c. COGUUG06A Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** chronic acute Aq Life Cold 2 Reviewable Temperature °C CS-I CS-I Arsenic 340 Recreation U chronic acute Arsenic(T) 100 Qualifiers: TVS D.O. (mg/L) 6.0 Cadmium **TVS** D.O. (spawning) 7.0 Chromium III TVS TVS Other: рΗ 6.5 - 9.0Chromium III(T) 100 *Uranium(acute) = See 35.5(3) for details. chlorophyll a (mg/m²) 150 Chromium VI TVS TVS *Uranium(chronic) = See 35.5(3) for details. E. coli (per 100 mL) 126 TVS TVS Copper Iron(T) 1000 TVS TVS Lead Inorganic (mg/L) acute chronic Manganese TVS TVS 0.01 Ammonia TVS TVS Mercury(T) Molybdenum(T) 150 Boron ---0.75 Nickel TVS TVS Chloride ---TVS Chlorine 0.019 0.011 Selenium TVS Cyanide 0.005 Silver TVS TVS(tr) Uranium varies* varies' Nitrate 100 Nitrite 0.5 Zinc **TVS** TVS Phosphorus 0.11 Sulfate Sulfide 0.002 ---

COGUUG06I	B Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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:		pH	6.5 - 9.0		Chromium III		TVS
	• 1101 - ct - ()	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
	Modification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chror	•	2. co (po. 1002)			Copper	TVS	TVS
expiration Da	ate of 12/31/2024	Income	in (m m/l)		Iron		WS
'Uranium(acı	ute) = See 35.5(3) for details.	inorgani	ic (mg/L)	ahrania			1000
Uranium(chr	onic) = See 35.5(3) for details.		acute	chronic	Iron(T)	 T\/0	
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50 TV0	T) (0.44(0
		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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
10b. <u>Mainste</u>	m of Redwell Creek, including Aall to	ibutaries , includin<u>g</u> and wetlands, <u>fr</u>	om the source to the	e confluence	with Oh-Be-Joyfulto Redu	vell Creek.	
COGUUG10I	B Classifications	Physical and	Biological			Metals (ug/L)	
Designation	– -		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)		7.0	Chromium III	TVS	TVS
		pН	6.5 - 9.0		Chromium III(T)		100
Uranium(acu	ute) = See 35.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
,	ute) = See 35.5(3) for details. conic) = See 35.5(3) for details.	chlorophyll a (mg/m²) E. coli (per 100 mL)		150 126		TVS TVS	TVS
,	, , ,	, , , , ,			Copper		
,	, , ,	E. coli (per 100 mL)					TVS
,	, , ,	E. coli (per 100 mL)	 ic (mg/L)	126	Copper Iron(T) Lead	TVS TVS	TVS 1000 407
,	, , ,	E. coli (per 100 mL) Inorgani	 ic (mg/L) acute	126	Copper Iron(T) Lead Manganese	TVS TVS TVS	TVS 1000 407 TVS
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia	 ic (mg/L) acute TVS	126 chronic TVS	Copper Iron(T) Lead Manganese Mercury(T)	TVS TVS TVS	TVS 1000 407 TVS 0.01
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron	ic (mg/L) acute TVS	chronic TVS 0.75	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS TVS TVS	TVS 1000 407 TVS 0.01 150
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride	ic (mg/L) acute TVS	126 chronic TVS 0.75	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS TVS TVS TVS	TVS 1000 407 TVS 0.01 150
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 0.011	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS TVS TVS TVS TVS TVS	TVS 1000 407 TVS 0.01 150 TVS
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000 407 TVS 0.01 150 TVS TVS TVS(tr)
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate	ic (mg/L) acute TVS 0.019	126 chronic TVS 0.75 0.011	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS	TVS 1000 407 TVS 0.01 150 TVS TVS TVS(tr) varies*
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide	ic (mg/L) acute TVS 0.019 0.005	126 chronic TVS 0.75 0.011	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS TVS TVS TVS TVS TVS TVS TVS	TVS 1000 407 TVS 0.01 150 TVS TVS
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	ic (mg/L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS	TVS 1000 407 TVS 0.01 150 TVS TVS TVS(tr) varies*
,	, , ,	E. coli (per 100 mL) Inorgani Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	ic (mg/L) acute TVS 0.019 0.005 100	126 chronic TVS 0.75 0.011 0.05	Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS	TVS 1000 407 TVS 0.01 150 TVS TVS TVS(tr) varies*

12. Mainstem of Coal Creek, including all tributaries and wetlands, from a point immediately above the Keystone Mine discharge (38.867117, -107.023627) to the confluence with the Slate River, with the exception of Wildcat Creek. COGUUG12 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM MWAT acute chronic Reviewable Aa Life Cold 1 CS-I CS-I 340 Temperature °C Arsenic Recreation E acute chronic 0.02 Arsenic(T) ---Water Supply D.O. (mg/L) 6.0 Cadmium TVS TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 --рΗ 6.5 - 9.0 Chromium III TVS Other: chlorophyll a (mg/m2) 150 Chromium III(T) 50 Temporary Modification(s): E. coli (per 100 mL) 126 Chromium VI TVS TVS Arsenic(chronic) = hybrid Copper **TVS TVS** Expiration Date of 12/31/2024 4/1 - 6/30 WS Cadmium(ac/ch) = 3.5/2.79*Inorganic (mg/L) Iron 4/1 - 6/30Copper(acute) = current condition* Iron(T) 1000 acute chronic 4/1 - 6/30 Zinc(chronic) = 576* TVS TVS Lead **TVS TVS** Ammonia Expiration Date of 12/31/2022 Lead(T) 50 Boron 0.75 Manganese TVS TVS/191 250 Chloride *Uranium(acute) = See 35.5(3) for details. 0.01 *Uranium(chronic) = See 35.5(3) for details. Chlorine 0.019 0.011 Mercury(T) TempMod: Cadmium(4/1 - 6/30) = Coal Creek. Molybdenum(T) 150 Cyanide 0.005 Adopted 6/12/2017(ac) and 6/12/2006(ch). TVS TVS Nickel Nitrate 10 TempMod: Copper(4/1 - 6/30) = Coal Creek. Adopted 6/12/2017 Nickel(T) 100 Nitrite 0.05 TempMod: Zinc(4/1 - 6/30) = Coal Creek. Adopted Selenium TVS TVS 7/9/2001. Phosphorus 0.11 TVS(tr) Sulfate Silver TVS WS Uranium varies* varies* Sulfide 0.002 TVS TVS 16a. Mainstem of Ohio Creek, including all tributaries and wetlands, from the source to a point immediately below 7 Road. All tributaries to Ohio Creek, except for specific-listings in Segment 1. COGUUG16A Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** chronic acute Aa Life Cold 1 Reviewable Temperature °C CS-I CS-I Arsenic 340 Recreation U chronic Arsenic(T) acute 0.02 Water Supply D.O. (mg/L) 6.0 TVS Cadmium TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 --рΗ 6.5 - 9.0Chromium III TVS Other: chlorophyll a (mg/m²) 150 Chromium III(T) 50 *Uranium(acute) = See 35.5(3) for details. E. coli (per 100 mL) 126 Chromium VI TVS TVS *Uranium(chronic) = See 35.5(3) for details. Copper **TVS** TVS ws Inorganic (mg/L) Iron acute chronic Iron(T) ---1000 TVS **TVS** Ammonia TVS TVS Lead 50 Lead(T) Boron ---0.75 ---TVS TVS/WS Chloride 250 Manganese Chlorine 0.019 0.011 Mercury(T) 0.010.005 Molybdenum(T) 150 Cvanide Nickel TVS **TVS** Nitrate 10 Nitrite 0.05 Nickel(T) 100 Selenium TVS **TVS** Phosphorus 0.11 Silver TVS(tr) Sulfate WS **TVS** Uranium varies* varies* Sulfide 0.002 ---Zinc TVS TVS

18b. Mainster	m of Tomichi Creek and its wetlands fr	om the confluence with P	orphyry Creek	to the conflu	uence with the	Gunnison River.		
COGUUG18E	3 Classifications	Physi	cal and Biolog	ical			Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/1 - 3/31	CS-	cs- ^C	Arsenic	340	
	Recreation U	Temperature C	11/1-0/01	H <u>varies*</u>	H <u>varies*</u>	Arsenic(T)		0.02
	Water Supply	Temperature °C	4/1 - 10/31	CS-II	18.9* €	Cadmium	TVS	TVS
Qualifiers:						Cadmium(T)	5.0	
Other:		_		acute	chronic	Chromium III		TVS
	Modification(s):	D.O. (mg/L)			6.0	Chromium III(T)	50	
Arsenic(chror	* *	D.O. (spawning)			7.0	Chromium VI	TVS	TVS
	te of 12/31/2024	рН		6.5 - 9.0		Copper	TVS	TVS
		chlorophyll a (mg/m²)			150	Iron		WS
•	ite) = See 35.5(3) for details.	E. coli (per 100 mL)			126	Iron(T)		1000
*Uranium(chr	onic) = See 35.5(3) for details.					Lead	TVS	TVS
	e(4/1 - 10/31) =		Inorganic (mg/	′L)		Lead(T)	50	
	AT=CS-II from 11/1-3/31 d MWAT=18.9 from 4/1-10/31			acute	chronic	Manganese	TVS	TVS/WS
See temperat	ture assessment locations at 35.6(6).	Ammonia		TVS	TVS	Mercury(T)		0.01
		Boron			0.75	Molybdenum(T)		150
		Chloride			250	Nickel	TVS	TVS
		Chlorine		0.019	0.011			100
		Cyanide		0.005		Nickel(T)	 T) (0	
		Nitrate		10		Selenium	TVS	TVS
i		Nitrite			0.05	Silver	TVS	TVS(tr)
		Phosphorus			0.11	Uranium	varies*	varies*
		Sulfate			WS	Zinc	TVS	TVS
		Sulfide			0.002			
20 Mainstem	of Indian Creek, including all tributarie		source to the			Creek		
COGUUG20	Classifications		cal and Biolog				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)		7.6
Qualifiers:	1	D.O. (mg/L)			6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)			7.0	Chromium III	TVS	TVS
Other.		pH		6.5 - 9.0		Chromium III(T)		100
*Uranium(acu	ite) = lowest practical level	chlorophyll a (mg/m²)			150	Chromium VI	TVS	TVS
*Uranium(chr	onic) = lowest practical level	E. coli (per 100 mL)			126	Copper	TVS	TVS
						Iron(T)		1000
			Inorganic (mg/	/I \		Lead	TVS	TVS
		-	inorganic (mg/	acute	chronic	Manganese	TVS	TVS
		A				Mercury(T)		0.01
		Ammonia		TVS	TVS	Molybdenum(T)		150
		Boron			0.75	Nickel	TVS	TVS
		Chloride						
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		100		Uranium	LPL*	LPL*
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus			0.11			
		0 14 1				I		
		Sulfate						

COGUUG21	Classifications	Physical and	Biological		hi Creek, except for specific	Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation U		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:		pH	6.5 - 9.0		Chromium III		TVS
	Indification(a):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
rsenic(chron	lodification(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
	te of 12/31/2024				Copper	TVS	TVS
•	nic) = current condition*	Inorgan	ic (mg/L)		Iron		WS
•	te of 12/31/2022	. 3	acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.	Boron		0.75	Lead(T)	50	
•	Pranium = Mainstem of Marshall Creek	Chloride		250	Manganese	TVS	TVS/WS
	uence with Indian Creek to the the Tomichi Creek. Adopted 6/12/2017.	Chlorine	0.019	0.011	Mercury(T)		0.01
ormachice wi	tir romichi oreek. Adopted 6/12/2017.	Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Uranium(T)		16.8-30
					Zinc		
					ZITIC	TVS	TVS
31. Mainstem	of Palmetto Gulch Creek, including all	tributaries <u>and wetlands</u> .			ZIIIC	IVS	TVS
	of Palmetto Gulch Creek, including all Classifications	tributaries and wetlands. Physical and	Biological		1	Metals (ug/L)	TVS
OGUUG31			Biological DM	MWAT	1		
OGUUG31 esignation	Classifications			MWAT CS-I	1	Metals (ug/L)	
OGUUG31 esignation	Classifications Agriculture	Physical and	DM			Metals (ug/L)	chronic
esignation	Classifications Agriculture Aq Life Cold 2	Physical and	DM CS-I	CS-I	Arsenic	Metals (ug/L) acute 340	chronic
esignation	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C	DM CS-I acute	CS-I chronic	Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 100 TVS
esignation	Classifications Agriculture Aq Life Cold 2	Physical and Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	chronic
esignation P aualifiers: http://disabut.com/	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS
esignation P aualifiers: http://disabut.com/	Classifications Agriculture Aq Life Cold 2 Recreation E	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100
esignation P Rualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS
coguugat Designation IP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS
coguugat Designation IP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS 100 TVS
esignation P Rualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(3) for details.	Physical and Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead	Metals (ug/L) acute 340 TVS	chronic 100 TVS TVS 100 TVS TVS 1000 TVS
esignation P Rualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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	DM	CS-I chronic 6.0 7.0 150 126	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese	### Acute 340	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01
esignation P aualifiers: http://disabut.com/	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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	DM	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 1001 150
esignation P aualifiers: http://disabut.com/	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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 Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01 150 TVS
esignation P Rualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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 Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation P Rualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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 Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	### Acute 340	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS TVS TVS TVS TVS TVS TVS TVS
esignation P Rualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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 Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	Metals (ug/L) acute 340 TVS	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS TVS 0.01 150 TVS TVS TVS Varies*
COGUUG31 Designation JP Qualifiers: Other: Uranium(acu	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	### Acute 340	Chronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS TVS
coguugat Designation IP Qualifiers: Other:	Classifications Agriculture Aq Life Cold 2 Recreation E te) = See 35.5(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 Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	### Acute 340	Chronic 100 TVS TVS 100 TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS Varies*

COGUUG38	Classifications	Physic	cal and Biologi	cal		ľ	Metals (ug/L)	
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	1/1 - 3/31	CLL	CLL	Arsenic	340	
	Recreation E	Temperature °C	4/1 - 12/31	varies*	varies*	Arsenic(T)		0.02
	Water Supply					Cadmium	TVS	TVS
Qualifiers:				acute	chronic	c Cadmium(T) 5.0		
Other:		D.O. (mg/L)			6.0	Chromium III		TVS
emporary M	odification(s):	D.O. (spawning)			7.0	Chromium III(T)	50	
rsenic(chron	* *	рН		6.5 - 9.0		Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024	chlorophyll a (ug/L)			8*	Copper	TVS	TVS
chlorophyll a	(ug/L)(chronic) = applies only above	E. coli (per 100 mL)			126	Iron		WS
ne facilitiés lis	sted at 35.5(4), applies only to lakes					Iron(T)		1000
	larger than 25 acres surface area. chronic) = applies only above the	1	Inorganic (mg/l	_)		Lead	TVS	TVS
acilities listed	at 35.5(4), applies only to lakes and er than 25 acres surface area.			acute	chronic	Lead(T)	50	
	te) = See 35.5(3) for details.	Ammonia		TVS	TVS	Manganese	TVS	TVS/WS
,	onic) = See 35.5(3) for details.	Boron			0.75	Mercury(T)		0.01
	(4/1 - 12/31) =	Chloride			250	Molybdenum(T)		150
M and MWA	T=CLL from 1/1-3/31	Chlorine		0.019	0.011	Nickel	TVS	TVS
ake San Cris lesa Reservo	tobal, Taylor Park Reservoir, Blue	Cyanide		0.005		Nickel(T)		100
	MWAT=16.6 from 4/1-12/31	Nitrate		10		Selenium	TVS	TVS
II others		Nitrite			0.05	Silver	TVS	TVS(tr)
M and MWA	T=CLL from 4/1-12/31	Phosphorus			0.025*	Uranium	varies*	varies*
	tobal, Taylor Park Reservoir, and servoir MWAT=16.6	Sulfate			WS	Zinc	TVS	TVS
II others MW		Sulfide			0.002			
	tobal, Taylor Park Reservoir, and servoir DM=24.2 =CLL							

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Fork of the Gunnison River Basin

COGUNF03	Classifications	Physi	cal and Biolo	gical	<u>-</u>		Metals (ug/L)	-
Designation	Agriculture			DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	11/16 -	CS-II	CS-II	Arsenic	340	
	Recreation E 4/1 - 9/30	Temperature C	3/15	00-11		Arsenic(T)		0.02
	Recreation P 10/1 - 3/31	Temperature °C	3/16 - 2	3.5 varies*	C 21.9 varies*	Cadmium	TVS	TVS
	Water Supply	·	11/15			Cadmium(T)	5.0	
Qualifiers:					<u> </u>	Chromium III		TVS
Other:		DO (#)		acute		Chromium III(T)	50	
Temporary M	odification(s):	D.O. (mg/L)			6.0	Chromium VI	TVS	TVS
Arsenic(chron	ic) = hybrid	D.O. (spawning)			7.0	Copper	TVS	TVS
Expiration Date	te of 12/31/2024	pH		6.5 - 9.		Iron		WS
*! !!/	4-) O OF F(O) f -4-i -	chlorophyll a (mg/m²)				Iron(T)		1000
,	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.	E. coli (per 100 mL)	4/1 - 9/30		126	Lead	TVS	TVS
`	$\frac{(3/16 - 11/15)}{(3/16 - 11/15)} =$	E. coli (per 100 mL)	10/1 - 3/31		205	Lead(T)	50	
DM and MWA	T=CS-II from 11/16-3/15	Inorganic (mg/L)			Manganese	TVS	TVS/WS	
	MWAT=21.9 from 3/16-11/15 ure assessment location at 35.6(6)			acute	chronic	Mercury(T)		0.01
	• • • • • • • • • • • • • • • • • • • •	Ammonia		TVS	TVS	Molybdenum(T)		150
		Boron			0.75	Nickel	TVS	TVS
		Chloride			250	Nickel(T)		100
		Chlorine		0.019	0.011	Selenium	TVS	TVS
		Cyanide		0.005		Silver	TVS	TVS(tr)
		Nitrate		10		Uranium	varies*	varies*
		Nitrite			0.05	Zinc	TVS	TVS
		Phosphorus						
		Sulfate			WS			
		Sulfide			0.002			

4a. All tributaries and wetlands to Muddy Creek within national forest boundaries. Anthracite Creek, including all tributaries and wetlands, from the source to the confluence with Muddy Creek. All tributaries and wetlands to the North Fork of the Gunnison from its inception at the confluence of Muddy Creek and Anthracite Creek to the confluence with the Gunnison River within national forest boundaries. This segment excludes the specific listings in Segments 1 and 4c.

COGUNF04A	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III(T)	50	
Arsenic(chroni	c) = hybrid	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2024				Copper	TVS	TVS
*chlorophyll a ((mg/m ²)(chronic) = applies only	Inorgani	c (mg/L)		Iron		WS
above the facil	ities listed at 35.5(4).		acute	chronic	Iron(T)		1000
facilities listed	chronic) = applies only above the at 35.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(acut	e) = See 35.5(3) for details.	Boron		0.75	Lead(T)	50	
*Uranium(chro	nic) = See 35.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)

sc = sculpin

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS North Fork of the Gunnison River Basin

	ies <u>and wetlands</u> to Lake Irwin from the	eir sources to the inlet of Lake Irwin.			•		
COGUNF04C	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	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)		7.0	Chromium III		TVS
		рН	6.5 - 9.0		Chromium III(T)	50	
*chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 35.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 35.5(4). *Uranium(acute) = See 35.5(3) for details.		chlorophyll a (mg/m²)		150*	Chromium VI	TVS	TVS
		E. coli (per 100 mL)		126	Copper	TVS	TVS
					Iron(T)		1000
,	nic) = See 35.5(3) for details.	Inorganic (mg/L)			Lead	TVS	TVS
(,	.,		acute	chronic	Manganese	TVS	TVS
		Ammonia	TVS	TVS	Mercury(T)		0.01
		Boron		0.75	Molybdenum(T)		150
		Chloride		250	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/TVS(sc)
		Phosphorus		0.11*			
		Sulfate					
		Sulfide		0.002			

6b. Mainstem of and all tributaries to Bear Creek and Stevens Gulch, including all tributaries and wetlands. All tributaries and, including wetlands, to the North Fork of the Gunnison River that are north of the North Fork of the Gunnison River, from a point immediately above the confluence with Roatcap Creek to the confluence with the Gunnison River, and are not within national forest boundaries, all tributaries, including and wetlands, to the North Fork of the Gunnison River that are south of the North Fork of the Gunnison River, from a point immediately above the confluence with Minnesota Creek to the confluence with the Gunnison River, and are not within national forest boundaries, This segment excludes the specific listings in Segments 5a and 5b.

•	ings in Segments 5a and 5b.						
COGUNF06B	Classifications	Physical and Bio	ogical		М	etals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 2	Temperature °C	WS-III	WS-III	Arsenic	340	
	Recreation P		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0		Cadmium(T)	5.0	
Water + Fish	Standards	chlorophyll a (mg/m²)		150*	Chromium III		TVS
Other:		E. coli (per 100 mL)		205	Chromium III(T)	50	
Temporary Mo	odification(s):	Inorganic (n	ng/L)		Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Date	e of 12/31/2024	Ammonia	TVS	TVS	Iron		WS
*chlorophyll a	(mg/m²)(chronic) = applies only above	Boron		0.75	Iron(T)		1000
the facilities lis	ted at 35.5(4).	Chloride		250	Lead	TVS	TVS
facilities listed	chronic) = applies only above the at 35.5(4).	Chlorine	0.019	0.011	Lead(T)	50	
*Uranium(acut	e) = See 35.5(3) for details.	Cyanide	0.005		Manganese	TVS	TVS/WS
*Uranium(chro	nic) = See 35.5(3) for details.	Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

sc = sculpin

D.O. = dissolved oxygen

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Uncompangre River Basin

COGUUN03B	Classifications	Physical and	Biological		N	fletals (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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)		150*	Chromium III(T)	50	
Arsenic(chroni	. ,	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2024				Copper	TVS	TVS
chlorophyll a	(mg/m²)(chronic) = applies only above	Inorganic (mg/L)			Iron		WS
he facilities lis	ted at 35.5(4).		acute	chronic	Iron(T)		2971
	contain Date of 12/31/2024 Illorophyll a (mg/m²)(chronic) = applies only abore facilities listed at 35.5(4). Inosphorus(chronic) = applies only above the illities listed at 35.5(4). Inosphorus(chronic) = See 35.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
'Uranium(acut	e) = See 35.5(3) for details.	Boron		0.75	Lead(T)	50	
,	nic) = See 35.5(3) for details.	Chloride		250	Manganese	TVS	TVS/WS
Temperature apply from 6/1	= Temperature = summer criteria -10/15	Chlorine	0.019	0.011	Mercury(T)		0.01
.pp.y o o, .	,	Cyanide	0.005		Molybdenum(T)		150
		Nitrate	10		Nickel	TVS	TVS
		Nitrite		0.05	Nickel(T)		100
		Phosphorus		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

6b. Mainstem of Red Mountain Creek from immediately above the confluence with the East Fork of Red Mountain Creek to the confluence with the Uncompangre River. All tributaries and wetlands to Red Mountain Creek within Corkscrew and Champion basins.

COGUUN	06B Classifications	Physical and	Biological			Metals (ug/L)	
Designati	on Agriculture		DM	MWAT		acute	chronic
UP	Recreation N				Arsenic		
Qualifiers	:		acute	chronic	Cadmium		
Other:		D.O. (mg/L)		3.0	Chromium III		
		pН	ambient		Chromium VI		
*Uranium(acute) = See 35.5(3) for details.	chlorophyll a (mg/m²)			Copper		
*Uranium(chronic) = See 35.5(3) for details.	E. coli (per 100 mL)		630	Iron		
		Inorgan	ic (mg/L)		Lead		
			acute	chronic	Manganese		
		Ammonia			Mercury(T)		
		Boron			Molybdenum(T)		
		Chloride			Nickel		
		Chlorine			Selenium		
		Cyanide			Silver		
		Nitrate			Uranium	varies*	varies*
		Nitrite			Zinc		
		Phosphorus					
		Sulfate					
		Sulfide					

sc = sculpin

9. Mainstem of Imogene Creek from its source to its confluence with Sneffels Creek. Mainstem and all tributaries of Sneffels Creek, including all tributaries and wetlands, from a point 1.5 miles above its confluence with Imogene Creek at 37.974979, -107.753960 (WGS84) to its confluence with Imogene Creek. Mainstem of Canyon Creek from its inception at the confluence of Imogene Creek and Sneffels Creek to the confluence with the Uncompander River.

COGUUN09	Classifications	Physical and	Biological		1	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 2	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation P		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Fish Ingestio	n	D.O. (spawning)		7.0	Chromium III	TVS	TVS
Other:		рН	6.5 - 9.0		Chromium III(T)		100
		chlorophyll a (mg/m²)		150	Chromium VI	TVS	TVS
,	te) = See 35.5(3) for details.	E. coli (per 100 mL)		205	Copper	TVS	TVS
*Uranium(chro	onic) = See 35.5(3) for details.				Iron(T)		1000
		Inorganic (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		0.11			
		Sulfate					
		Sulfide		0.002			

11. Mainstem of Coal Creek from the source to the Park Ditch_; mMainstem of Dallas Creek from the source of the East and West Forks to the confluence with the Uncompahgre River_; mMainstem of Cow Creek from the Uncompahgre Wilderness Area boundary to a point immediately below the confluence with Nate Creek_; All tributaries and wetlands to Cow Creek from the Uncompahgre Wilderness Area boundary to the confluence with the Uncompahgre River_; mMainstems of Billy Creek, Onion Creek and Beaton Creek from their sources to their confluences with the Uncompahgre River_; mMainstem of Beaver Creek from the source to the confluence with the East Fork of Dallas Creek_; and mMainstem of Pleasant Valley Creek from the source to the confluence with Dallas Creek.

COGUUN11	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 P		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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chron	. ,	E. coli (per 100 mL)		205	Chromium VI	TVS	TVS
Expiration Da	ite of 12/31/2024				Copper	TVS	TVS
*I Ironium/oou	ute) = See 35.5(3) for details.	Inorganic (mg/L)			Iron		WS
,	onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oramum(orm	offic) = Oee 33.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

sc = sculpin

17. All lakes and reservoirs tributary to the Uncompangre River from the source to a point immediately below the confluence with Dexter Creek, except for specific listings in Segment 16. This segment includes Lake Como, Ptarmigan Lake, Crystal Lake, and Lake Lenore.

COGUUN17	Classifications	Physical and Biol	ogical		!	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CL	CL	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02-10 ^A
	Water Supply	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Qualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0	
Other:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (ug/L)		8*	Chromium III(T)	50	
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Phosphorus(d	chronic) = applies only to lakes and				Copper	TVS	TVS
•	er than 25 acres surface area. e) = See 35.5(3) for details.	Inorganic (m	ng/L)		Iron		WS
,	nic) = See 35.5(3) for details.		acute	chronic	Iron(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		0.025*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

21. All lakes and reservoirs tributary to the Uncompahgre River from a point immediately below the South Canal near Uncompahgre to the confluence with the Gunnison River, excluding the listings in Segments 18, 20, and 22.

COGUUN21	Classifications	Physical and Biological		"	/letals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WL	WL	Arsenic	340	
	Recreation P		acute	chronic	Arsenic(T)		100 7.6
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Fish Ingestio	n	рН	6.5 - 9.0		Chromium III	TVS	TVS
Other:		chlorophyll a (ug/L)		20*	Chromium III(T)		100
		E. coli (per 100 mL)		205	Chromium VI	TVS	TVS
	(ug/L)(chronic) = applies only to lakes larger than 25 acres surface area.	Inorganic (mg/L)		Copper	TVS	TVS
	chronic) = applies only to lakes and per than 25 acres surface area.		acute	chronic	Iron(T)		1000
-	te) = See 35.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(chro	onic) = See 35.5(3) for details.	Boron		0.75	Manganese	TVS	TVS
		Chloride			Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus		0.083*	Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

sc = sculpin

D.O. = dissolved oxygen

4b. All tributaries and wetlands to Reeder, Hollenbeck, and Juniata Reservoirs, and the mainstem of Kannah Creek below the point of diversion for public water supply (38.961321, -108.229830) COGULG04B Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DM MWAT acute chronic Ag Life Warm 2 Reviewable WS-II WS-II Arsenic 340 Temperature °C Recreation E 0.02-10 A acute chronic Arsenic(T) ---Water Supply D.O. (mg/L) 5.0 Cadmium TVS TVS Qualifiers: 6.5 - 9.0 рΗ Cadmium(T) 5.0 chlorophyll a (mg/m2) 150 Chromium III TVS Other: E. coli (per 100 mL) 126 Chromium III(T) 50 *Uranium(acute) = See 35.5(3) for details. Chromium VI TVS TVS Inorganic (mg/L) *Uranium(chronic) = See 35.5(3) for details. Copper TVS TVS acute chronic WS Ammonia TVS TVS Iron Iron(T) 1000 Boron 0.75 TVS 250 Lead **TVS** Chloride Lead(T) 50 Chlorine 0.019 0.011 TVS/WS Manganese TVS Cyanide 0.005 0.01 Nitrate 10 Mercury(T) Molybdenum(T) 150 Nitrite 0.5 TVS **TVS** Nickel Phosphorus 0.17 Nickel(T) 100 Sulfate WS Selenium TVS TVS Sulfide 0.002 TVS TVS Silver Uranium varies' varies* TVS TVS 96b. Mainstem of Roubideau Creek from Potter Creek to the Gunnison River. Mainstem of East Creek from the source to the Gunnison River COGULG06B Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic Reviewable Ag Life Warm 1 WS-II WS-II Temperature °C Arsenic 340 Recreation E acute chronic Arsenic(T) ---7.6 Qualifiers: D.O. (mg/L) 5.0 TVS Cadmium **TVS** рΗ 6.5 - 9.0Chromium III TVS TVS Other: 150* chlorophyll a (mg/m2) Chromium III(T) 100 chlorophyll a (mg/m2)(chronic) = applies only above E. coli (per 100 mL) 126 Chromium VI TVS TVS the facilities listed at 35.5(4). *Phosphorus(chronic) = applies only above the Copper TVS TVS Inorganic (mg/L) facilities listed at 35.5(4). acute chronic Iron(T) 1000 *Uranium(chronic) = See 35.5(3) for details. TVS **TVS TVS** Lead **TVS** Ammonia TVS Manganese TVS Boron 0.75 Mercury(T) 0.01 Chloride 150 Chlorine Molybdenum(T) 0.019 0.011 Cyanide 0.005 Nickel TVS TVS Selenium TVS TVS Nitrate 100 Nitrite 0.05 Silver TVS **TVS** Uranium TVS varies* Phosphorus 0.17* 16.8-30 A Uranium(T) Sulfate TVS TVS Zinc Sulfide 0.002

	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m²)		150	Chromium III	TVS	TVS
		E. coli (per 100 mL)		126	Chromium III(T)		100
Uranium(chro	onic) = See 35.5(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
		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
		Nitrite			Molybdenum(T)		150
				0.05	Nickel	TVS	TVS
		Phosphorus		0.17			100
		Sulfate		WS	Nickel(T)		
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	TVS	varies*
					Uranium(T)		16.8-30
20 Mainatam	of Surface Creek, including all tribu	torios and wotlands from the natio	nal faraat baundaru	to the point	Zinc	TVS	TVS
	Classifications	Physical and		to the point	l diversion for public		16, -107.676031).
						Metals (ug/L)	
)esignation		1, 2		MWAT		Metals (ug/L)	chronic
	Agriculture		DM	MWAT	Arsonic	acute	chronic
	Agriculture Aq Life Cold 1	Temperature °C	DM CS-I	CS-I	Arsenic Arsenic(T)	acute 340	
	Agriculture Aq Life Cold 1 Recreation E	Temperature °C	DM CS-I acute	CS-I chronic	Arsenic(T)	acute 340	0.02
Reviewable	Agriculture Aq Life Cold 1	Temperature °C D.O. (mg/L)	DM CS-I acute	CS-I chronic 6.0	Arsenic(T) Cadmium	acute 340 TVS	0.02 TVS
Reviewable Qualifiers:	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning)	DM CS-I acute	CS-I chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T)	acute 340 TVS 5.0	0.02 TVS
Reviewable	Agriculture Aq Life Cold 1 Recreation E	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III	acute 340 TVS 5.0	 0.02 TVS TVS
Reviewable Qualifiers: Other: Temporary M	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T)	acute 340 TVS 5.0 50	 0.02 TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI	acute 340 TVS 5.0 50 TVS	0.02 TVS TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chron	Agriculture Aq Life Cold 1 Recreation E Water Supply	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0	CS-I chronic 6.0 7.0 150	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chronic expiration Date)	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS TVS WS
Reviewable Qualifiers: Other: Temporary Marsenic(chrone) Expiration Dar Manganese(Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	acute 340 TVS 5.0 50 TVS TVS	0.02 TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Da Manganese(utanium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): ic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 	CS-I chronic 6.0 7.0 150 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead	acute 340 TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chrone) Expiration Da Manganese(- Uranium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	DM CS-I acute 6.5 - 9.0 ic (mg/L)	CS-I chronic 6.0 7.0 150 126	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T)	340 TVS 5.0 50 TVS TVS TVS TVS 50	0.02 TVS TVS TVS WS 1000
Reviewable Qualifiers: Other: Temporary Marsenic(chrone) Expiration Da Manganese(- Uranium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	DM	CS-I chronic 6.0 7.0 150 126 chronic TVS	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS	0.02 TVS TVS TVS WS 1000 TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chrone) Expiration Da Manganese(- Uranium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T)	340 TVS 5.0 50 TVS TVS TVS TVS 50	TVS
Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Da Manganese(utanium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS S TVS WS 1000 TVS varies*TVS/WS
Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Da Manganese(utanium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS	0.02 TVS TVS TVS TVS WS 1000 TVS varies*TVS/WS 0.01
Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Da Manganese(utanium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium Cadmium(T) Chromium III Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese Mercury(T) Molybdenum(T)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS Varies*TVS/WS 0.01 150
Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Da Manganese(utanium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011	Arsenic(T) Cadmium 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 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS Varies*TVS/WS 0.01 150 TVS
Arsenic(chron Expiration Da Manganese(Uranium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05	Arsenic(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)	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS 50 TVS TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS varies*TVS/WS 0.01 150 TVS 100
Reviewable Qualifiers: Other: Temporary Marsenic(chrone Expiration Da Manganese(utanium(acu	Agriculture Aq Life Cold 1 Recreation E Water Supply lodification(s): iic) = hybrid te of 12/31/2024 chronic) = WS, TVS and 1000 ug/L te) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite Phosphorus	DM CS-I acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 10	CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 250 0.011 0.05 0.11	Arsenic(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) Selenium	acute 340 TVS 5.0 50 TVS TVS TVS 50 TVS TVS TVS 50 TVS TVS TVS	0.02 TVS TVS TVS TVS WS 1000 TVS Varies*TVS/WS 0.01 150 TVS 100 TVS

8b. Mainsten	8b. Mainstem of Kannah Creek, including all tributaries and wetlands, from the national forest boundary to the point of diversion for public water supply (38.961321, -108.229830).						
COGULG08	B 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	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:		pН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m²)		150	Chromium III(T)	50	
· ·	(chronic) = WS, TVS and 1000 ug/L	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	ute) = See 35.5(3) for details.				Copper	TVS	TVS
*Uranium(cn	ronic) = See 35.5(3) for details.	Inorganic (r	ng/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	varies*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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS/TVS(sc)

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS San Miguel River Basin

2. All tributaries and wetlands, to the San Miguel River from its source to a point immediately below the confluence of Leopard Creek, except for specific listings in -Segments 1, 6a, 6b, 7, and 8. Metals (ug/L) COGUSM02 Classifications **Physical and Biological** Designation Agriculture DМ MWΔT acute chronic Reviewable Aa Life Cold 1 CS-I CS-I 340 Temperature °C Arsenic Recreation E acute chronic 0.02 Arsenic(T) ---Water Supply D.O. (mg/L) 6.0 Cadmium TVS TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 --рΗ 6.5 - 9.0 TVS Other: Chromium III chlorophyll a (mg/m2) 150 Chromium III(T) 50 Temporary Modification(s): E. coli (per 100 mL) 126 Chromium VI **TVS TVS** Arsenic(chronic) = hybrid Copper **TVS** TVS Expiration Date of 12/31/2024 WS Inorganic (mg/L) Iron *Uranium(acute) = See 35.5(3) for details. Iron(T) 1000 acute chronic *Uranium(chronic) = See 35.5(3) for details. TVS TVS TVS Lead **TVS** Ammonia 0.75 Lead(T) 50 Boron Manganese **TVS** TVS/WS Chloride 250 Mercury(T) 0.01 Chlorine 0.019 0.011 Molybdenum(T) 150 Cyanide 0.005 TVS TVS Nickel Nitrate 10 Nickel(T) 100 Nitrite 0.05 Selenium TVS TVS Phosphorus 0.11 TVS(tr) Silver TVS Sulfate WS Sulfide Uranium varies* varies* 0.002 TVS TVS/TVS(sc) 3b. Mainstem of the San Miguel River from a point immediately above the confluence of Marshall Creek to a point immediately above the confluence of the South Fork San Miguel River COGUSM03B Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** chronic acute Aa Life Cold 1 Reviewable Temperature °C varies* varies* Arsenic 340 Recreation E chronic Arsenic(T) acute 0.02 Water Supply TVS D.O. (mg/L) 6.0 Cadmium TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 --рΗ 6.5 - 9.0 Chromium III **TVS** Other: chlorophyll a (mg/m²) 150 Chromium III(T) 50 Temporary Modification(s): E. coli (per 100 mL) 126 Chromium VI TVS TVS Arsenic(chronic) = hybrid Expiration Date of 12/31/2024 Copper **TVS** Inorganic (mg/L) Copper *chlorophyll a (mg/m²)(chronic) = applies only above the facilities listed at 35.5(4). acute chronic Iron ---WS *Phosphorus(chronic) = applies only above the 1000 Ammonia TVS TVS Iron(T) facilities listed at 35.5(4). TVS Uranium(acute) = See 35.5(3) for details. Lead **TVS** Boron ---0.75 *Uranium(chronic) = See 35.5(3) for details. 50 Chloride Lead(T) 250 Temperature = TVS/WS Chlorine 0.019 0.011 Manganese TVS DM=13.9 and MWAT=9 from 10/1-10/31 DM=13 and MWAT=9 from 11/1-3/31 0.005 Mercury(T) 0.01 Cvanide DM=14 and MWAT=9 from 4/1-5/31 Molybdenum(T) 150 Nitrate 10 DM=21.7 and MWAT=17 from 6/1-9/30 Nitrite 0.5 Nickel TVS **TVS** Nickel(T) 100 Phosphorus 0.11* ---Selenium TVS Sulfate WS **TVS** Silver **TVS** TVS(tr) Sulfide 0.002 Uranium varies* varies* 190

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS San Miguel River Basin

4b. Mainstem of the San Miguel River from a poi	Physi	cal and Biolog	nical	,		Metals (ug/L)	
Designation Agriculture	1 Hysi	cai ana biolog	DM	MWAT		acute	chronic
Reviewable Aq Life Warm 1	Temperature °C	11/1 - 2/29		9varies*	Argonia		
Recreation E	•		13 <u>varies*</u>		Arsenic	340	0.00
Water Supply	Temperature °C	3/1 - 10/31	30.9	23.3	Arsenic(T)	 T) (0	0.02
Qualifiers:					Cadmium	TVS	TVS
Qualifiers.			acute	chronic	Cadmium(T)	5.0	
Other:	D.O. (mg/L)			5.0	Chromium III		TVS
Temporary Modification(s):	рН		6.5 - 9.0		Chromium III(T)	50	
Arsenic(chronic) = hybrid	chlorophyll a (mg/m²)				Chromium VI	TVS	TVS
Expiration Date of 12/31/2024	E. coli (per 100 mL)			126	Copper	TVS	TVS
*I Ironium(aguta) — Sag 25 5/2) for dataila		Inorganic (mg	/L)		Iron		WS
'Uranium(acute) = See 35.5(3) for details.			acute	chronic	Iron(T)		1000
*Uranium(chronic) = See 35.5(3) for details. Temperature =	Ammonia		TVS	TVS	Lead	TVS	TVS
DM=13 and MWAT=9 from 11/1-2/29	Boron			0.75	Lead(T)	50	
DM=30.9 and MWAT=23.3 from 3/1-10/31	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
					Nickel(T)		100
	Nitrite			0.5		TVS	TVS
	Phosphorus				Selenium		
	Sulfate			WS	Silver	TVS	TVS
					1		
	Sulfide			0.002	Uranium	varies*	varies*
					Zinc	varies* TVS	varies* TVS
6a. Mainstem of Ingram Creek, including, all trib	utaries and wetlands, from th		e confluence		Zinc	TVS	
COGUSM06A Classifications	utaries and wetlands, from th	ne source to the	e confluence gical	with the San	Zinc	TVS Metals (ug/L)	TVS
COGUSM06A Classifications Designation Agriculture	utaries and wetlands, from th		e confluence gical DM	with the San	Zinc Miguel River.	TVS Metals (ug/L) acute	TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2	utaries and wetlands, from th		e confluence gical DM CS-I	with the San MWAT CS-I	Zinc Miguel River. Arsenic	TVS Metals (ug/L) acute 340	chronic
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E	utaries and wetlands, from the Physi Temperature °C		confluence pical DM CS-I acute	with the San MWAT CS-I chronic	Zinc Miguel River. Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 100
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2	utaries and wetlands, from the Physi Temperature °C D.O. (mg/L)		e confluence gical DM CS-I	with the San MWAT CS-I chronic 6.0	Zinc Miguel River. Arsenic	TVS Metals (ug/L) acute 340	chronic 100 TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E	utaries and wetlands, from the Physi Temperature °C		confluence pical DM CS-I acute	with the San MWAT CS-I chronic	Zinc Miguel River. Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 100
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other:	utaries and wetlands, from the Physi Temperature °C D.O. (mg/L)		e confluence yical DM CS-I acute	with the San MWAT CS-I chronic 6.0	Zinc Miguel River. Arsenic Arsenic(T) Cadmium	TVS Metals (ug/L) acute 340 TVS	chronic 100 TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: CUranium(acute) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning)		DM CS-I acute	with the San MWAT CS-I chronic 6.0 7.0	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other:	Temperature °C D.O. (mg/L) D.O. (spawning) pH		DM CS-I acute 6.5 - 9.0	with the San MWAT CS-I chronic 6.0 7.0	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²)		DM CS-I acute 6.5 - 9.0	with the San MWAT CS-I chronic 6.0 7.0 150	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	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	with the San MWAT CS-I chronic 6.0 7.0 150	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS TVS TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	cal and Biolog	DM CS-I acute 6.5 - 9.0	with the San MWAT CS-I chronic 6.0 7.0 150	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T)	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 100 TVS TVS 1000
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: CUranium(acute) = See 35.5(3) for details.	Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL)	cal and Biolog	confluence pical DM CS-I acute 6.5 - 9.0 //L) acute	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 100 TVS TVS TVS TVS TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	utaries and wetlands, from the Physi Temperature °C D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia	cal and Biolog	confluence pical DM CS-I acute 6.5 - 9.0 /L) acute TVS	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T)	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 100 TVS TVS 1000 TVS 1000 TVS TVS 0.01
COGUSM06A Classifications Designation	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron	cal and Biolog	DM CS-I acute 6.5 - 9.0 /L) acute TVS	with the San MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 1000 TVS 1000 TVS TVS 1000 TVS TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	D.O. (mg/L) D.O. (spawning) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Ammonia Boron Chloride	cal and Biolog	c confluence pical DM CS-I acute 6.5 - 9.0 /L) acute TVS	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS
COGUSM06A Classifications Designation	utaries and wetlands, from the 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 Biolog	confluence con	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS TVS TVS TVS 0.01 150 TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	utaries and wetlands, from the Physic 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-I acute	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS Metals (ug/L) acute 340 TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS TVS TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	utaries and wetlands, from the Physis 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	confluence con	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS TVS Varies*
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	utaries and wetlands, from the Physis 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-I acute	with the San MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS Metals (ug/L) acute 340 TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS TVS
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: Puranium(acute) = See 35.5(3) for details.	utaries and wetlands, from the Physis 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-I	with the San MWAT CS-I chronic 6.0 7.0 150 126 chronic TVS 0.75 0.011	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS TVS Varies*
COGUSM06A Classifications Designation Agriculture Reviewable Aq Life Cold 2 Recreation E Qualifiers: Other: CUranium(acute) = See 35.5(3) for details.	utaries and wetlands, from the Physis 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-I	with the San MWAT CS-I chronic 6.0 7.0 150 126 Chronic TVS 0.75 0.011 0.05	Zinc Miguel River. Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver Uranium	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	TVS chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01 150 TVS TVS TVS Varies*

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS San Miguel River Basin

COGUSM07	Classifications	Physical and	Biological		Metals (ug/L)		
Designation	Agriculture		DM	MWAT		acute	chronic
eviewable	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:		pH	6.5 - 9.0		Chromium III		TVS
emporary M	lodification(s):	chlorophyll a (mg/m²)		150	Chromium III(T)	50	
Arsenic(chron	* *	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	te of 12/31/2024				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
•	te) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oramum(Cm)	onic) = See 35.5(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS
2c. Mainster	m of Calamity Draw from Lincoln Stre	et in Nucla (38.264075, -108.5550	087) to the confluen	ce with the S	San Miguel River.		
COGUSM12C	Classifications	Physical and	Biological		!	Metals (ug/L)	
Designation	⊣ ~		DM	MWAT		acute	chronic
JP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
ish Ingestio	on	pH	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m²)		150*	Chromium III(T)	50	
Discharger Sp	pecific Variance(s):	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
Ammonia(ac <mark>u</mark>	te/ch) = See Section 35.6(4) for detail	lnorgan	ic (mg/L)		Copper	TVS	TVS
	ce for the Town of Nucla. TVS:no limit te of 12/31/2026		acute	chronic	Iron(T)		1000
•		Ammonia Ammonia	TVS	TVS	Lead	TVS	TVS
mmonia(chro	onic) = TVS:8.3 mg/L 5/1 - 10/3	Boron Boron		0.75	Manganese	TVS	TVS
xpiration Dat	te of 12/31/2026	Chloride		250	Mercury(T)		0.01
	(mg/m²)(chronic) = applies only abov	e Chlorine	0.019	0.011	Molybdenum(T)		150
	sted at 35.5(4). chronic) = applies only above the	Cyanide	0.005		Nickel	TVS	TVS
	l at 35.5(4).	Nitrate	100		Selenium	TVS	TVS
	onic) = See 35.5(3) for details.	Nitrite		0.05	Silver	TVS	TVS
Uranium(chro				0.47*	Uranium	TVS	varies*
Uranium(chro	monia = see 35.6(4) for details.	Phosphorus		0.17*	Oranium	173	varies
Uranium(chro	monia = see 35.6(4) for details.	Phosphorus Sulfate		0.17*	Uranium(T)		16.8-30

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower Dolores River Basin

a. Mainstem of the Dolores River from the bridge at Bradfield Ranch (Forest Route 505, near Montezuma/Dolores County Line) to a point immediately above the confluence with Big Canyon Creek near Dove Creek Metals (ug/L) COGULD01A Classifications **Physical and Biological** Designation Agriculture DM **MWAT** acute chronic CS-CS-Reviewable Aa Life Cold 1 340 Arsenic Temperature °C 11/1 - 3/22 Hvaries* Hvaries* Recreation E 0.02 Arsenic(T) ---Femperature °C 3/23 - 10/3126.6 23.8 Water Supply Cadmium TVS TVS Qualifiers: Cadmium(T) 5.0 acute chronic Chromium III TVS Other: D.O. (mg/L) 6.0 Chromium III(T) 50 Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI **TVS TVS** Arsenic(chronic) = hybrid 6.5 - 9.0 Copper **TVS** TVS Expiration Date of 12/31/2024 chlorophyll a (mg/m2) WS Iron *Uranium(chronic) = See 35.5(3) for details. E. coli (per 100 mL) 126 Iron(T) 1000 M and MWAT=CS-II from 11/1-3/22 TVS Lead **TVS** DM=26.6 and MWAT=23.8 from 3/23-10/31 Inorganic (mg/L) Lead(T) 50 acute chronic Manganese **TVS** TVS/WS TVS Ammonia **TVS** 0.01 Mercury(T) Boron ---0.75 Molybdenum(T) 150 Chloride 250 TVS TVS Nickel 0.019 0.011 Chlorine Nickel(T) 100 Cyanide 0.005 TVS TVS Selenium 10 Nitrate TVS TVS(tr) Silver Nitrite 0.05 Uranium **TVS** varies* Phosphorus ------16.8-30 ^A Uranium(T) WS Sulfate TVS TVS Sulfide 0.002 1b. Mainstem of the Dolores River from a point immediately above the confluence with Big Canyon Creek near Dove Creek to a point immediately above the Highway 141 road crossing near Slick Rock COGULD01B Classifications **Physical and Biological** Metals (ug/L) DM **MWAT** Designation Agriculture acute chronic Reviewable Aq Life Cold 1 340 Arsenic 11/1 - 3/22Temperature °C 9.1 varies* Hvaries* Recreation F Arsenic(T) 0.02 3/23 Temperature °C Water Supply 27.6 24.7 Cadmium **TVS** TVS 10/31 Qualifiers: Cadmium(T) 5.0 --chronic acute Other: Chromium III TVS D.O. (mg/L) 6.0 Chromium III(T) 50 ---Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS Arsenic(chronic) = hvbrid 6.5 - 9.0TVS TVS Copper Expiration Date of 12/31/2024 chlorophyll a (mg/m²) ------Iron WS *Uranium(chronic) = See 35.5(3) for details. E. coli (per 100 mL) 126 Iron(T) 1000 Temperature = DM=CS-II and MWAT=9.1 from 11/1-3/22 Lead **TVS TVS** DM=27.6 and MWAT=24.7 from 3/23-10/31 Inorganic (mg/L) Lead(T) 50 TVS TVS/WS acute chronic Manganese Ammonia TVS TVS Mercury(T) 0.01 0.75 Boron Molybdenum(T) 150 ---Chloride 250 Nickel TVS TVS Chlorine 0.019 0.011 Nickel(T) 100 0.005 Selenium **TVS** Cyanide **TVS** Nitrate 10 ---Silver **TVS** TVS(tr) Nitrite 0.05 Uranium TVS varies' 16.8-30 A Phosphorus Uranium(T) WS TVS TVS Sulfate 7inc 0.002 Sulfide

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

t = total tr = trout sc = sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum week

MWAT = maximum weekly average temperature See 35.6 for further details on applied standards.

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower Dolores River Basin

	Classifications	ncluding all <u>tributaries and</u> wetlands Physical and		01110	1		
		Physical and	· · •	BA14/A-T	IV	letals (ug/L)	
Designation	Recreation E Agriculture	-	DM	MWAT		acute	chronic
Reviewable	Ag Life Warm 2	Temperature °C	WS-III	WS-III	Arsenic	340	
Qualifiers:	Aq Life Walli 2	D.O. (#)	acute	chronic	Arsenic(T)		100
		D.O. (mg/L)		5.0	110		TVS
Other:		pH	6.5 - 9.0		Official III		TVS
Uranium/chr	onic) = See 35.5(3) for details.	chlorophyll a (mg/m²)		150	Chromium III(T)		100
Oranium(Gir	offic) = See 35.5(3) for details.	E. coli (per 100 mL)		126	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
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	6.6
		Nitrite		0.5	Silver	TVS	TVS
		Phosphorus		0.17	Uranium	TVS	varies*
		Sulfate			Uranium(T)		16.8-30
		Sulfide		0.002	Zinc	TVS	TVS
		nti-La Sal National Forest boundary re National Forest boundary to the o				tributaries toof Blue	Creek <u>, includ</u>
COGULD04	Classifications	Physical and	Biological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
					Cadmium	T1 /0	
	Water Supply	D.O. (mg/L)		5.0	Caaman	TVS	TVS
Qualifiers:	Water Supply	D.O. (mg/L) pH	 6.5 - 9.0	5.0	Cadmium(T)	5.0	TVS
	Water Supply						
	Water Supply	рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:	Water Supply pnic) = See 35.5(3) for details.	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0	150	Cadmium(T) Chromium III	5.0	TVS
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0	150	Cadmium(T) Chromium III Chromium III(T)	5.0 50	 TVS
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL)	6.5 - 9.0 ic (mg/L)	150 126	Cadmium(T) Chromium III Chromium III(T) Chromium VI	5.0 50 TVS	TVS
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan	6.5 - 9.0 ic (mg/L) acute	150 126 chronic	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper	5.0 50 TVS	TVS TVS TVS
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron	6.5 - 9.0 ic (mg/L) acute TVS	150 126 chronic TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron	5.0 50 TVS TVS	TVS TVS TVS TVS TVS
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia	6.5 - 9.0 ic (mg/L) acute TVS	150 126 chronic TVS 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
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75	Cadmium(T) Chromium III Chromium III(T) Chromium VI Copper Iron Iron(T) Lead	5.0 50 TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS
Other:	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide	6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005	 150 126 chronic TVS 0.75 250 0.011	Cadmium(T) Chromium III Chromium VI Chromium VI Copper Iron Iron(T) Lead Lead(T) Manganese	5.0 50 TVS TVS TVS	TVS TVS TVS TVS TVS TVS TVS
Qualifiers: Other: 'Uranium(chro	1	pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine	6.5 - 9.0 ic (mg/L) acute TVS 0.019	150 126 chronic TVS 0.75 250 0.011	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 TVS WS 1000 TVS TVS/WS

Phosphorus

Sulfate

Sulfide

0.17

WS

0.002

Nickel

Nickel(T)

Selenium

Uranium

Uranium(T)

Silver

Zinc

TVS

TVS

TVS TVS

TVS

TVS

100

TVS

TVS

varies*

16.8-30 A

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) 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.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

5 CCR 1002-35

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

35.1 AUTHORITY

These regulations are promulgated pursuant to section 25-8-101 et seq. C.R.S., as amended, and in particular, 25-8-203 and 25-8-204.

35.2 PURPOSE

These regulations establish classifications and numeric standards for the Gunnison River/Lower Dolores River Basins, including all tributaries and standing bodies of water. This includes all or parts of Gunnison, Delta, Montrose, Ouray, Mesa, Saguache and Hinsdale Counties. This also includes the lower Dolores River and its tributaries in Dolores, Montrose, Mesa and San Miguel Counties. The classifications identify the actual beneficial uses of the water. The numeric standards are assigned to determine the allowable concentrations of various parameters. Discharge permits will be issued by the Water Quality Control Division to comply with basic, narrative, and numeric standards and control regulations so that all discharges to waters of the state protect the classified uses. It is intended that these and all other stream classifications and numeric standards be used in conjunction with and be an integral part of Regulation No. 31 Basic Standards and Methodologies for Surface Water.

35.3 INTRODUCTION

These regulations and tables present the classifications and numeric standards assigned to stream segments listed in the attached tables (See Appendix 35-1). 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 35-1. 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 regulations".

35.4 **DEFINITIONS**

See the Colorado Water Quality Control Act and the codified water quality regulations for definitions.

35.5 BASIC STANDARDS

(1) <u>Temperature</u>

All waters of the Gunnison/Lower Dolores River Basins are subject to the following standard for temperature. (Discharges regulated by permits, which are within the permit limitations, shall not be subject to enforcement proceedings under this standard). Temperature shall maintain a normal pattern of diurnal and seasonal fluctuations with no abrupt changes and shall have no increase in temperature of a magnitude, rate, and duration deemed deleterious to the resident aquatic life. This standard shall not be interpreted or applied in a manner inconsistent with section 25-8-104, C.R.S.

(2) Qualifiers

See Basic Standards and Methodologies for Surface Water for a listing of organic standards at 31.11 Table B 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 Appendix 35-1. 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 Appendix 35-1.

(3) <u>Uranium</u>

- (a) All waters of the Gunnison/Lower Dolores River Basin, are subject to the following basic standard for uranium, unless otherwise specified by a water quality standard applicable to a particular segment. However, discharges of uranium regulated by permits which are within these permit limitations shall not be a basis for enforcement proceedings under this basic standard.
- (b) Uranium level in surface waters shall be maintained at the lowest practicable level.
- (c) In no case shall uranium levels in waters assigned a water supply classification be increased by any cause attributable to municipal, industrial, or agricultural discharges so as to exceed 16.8-30 μg/L or naturally-occurring concentrations (as determined by the State of Colorado), whichever is greater.
 - (i) The first number in the 16.8-30 μg/L range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.

(4) Nutrients

Prior to May 31, 2022, interim nutrient values will be considered for adoption only in the limited circumstances defined at 31.17(e). These circumstances include headwaters, Direct Use Water Supply (DUWS) Lakes and Reservoirs, and other special circumstances determined by the Commission. Additionally, prior to May 31, 2017, only total phosphorus and chlorophyll a will be considered for adoption. After May 31, 2017, total nitrogen will be considered for adoption per the circumstances outlined in 31.17(e).

Prior to May 31, 2022, nutrient criteria will be adopted for headwaters on a segment by segment basis for the Gunnison/Lower Dolores 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 Gunnison/Lower Dolores River Basin:

Segment	Permittee Name	Facility Name	Permit No.
COGUUG04	Almont Sewage Hereafter In Transit Plant	Almont WWTF	COG588012
COGUUG05a	East River Regional Sanitation District	East River Regional SD WWTF	COG588079
COGUUG05b	Crested Butte South Metro District	Crested Butte South Metro Dist WWTF	COG588045
COGUUG08	Crested Butte Town of	Crested Butte Town of WWTF	CO0020443
COGUUG13	Mt Crested Butte WSD	Mt Crested Butte WSD	CO0027171
COGUUG14	Camp Gunnison Inc	Camp Gunnison Church Camp	COG588112
COGUUG14	Gunnison City of	Gunnison City of	CO0041530
COGUUG29a	L and N Inc	L & N Inc	COG588052
COGUUG29a	Lake City Town of	Lake City WWTF	CO0040673
COGUUG29a	Ute Trail Ranch Foundation	Sky Ranch at Ute Trail	COG588109
COGUNF03	Hotchkiss Town of	Hotchkiss Town of	CO0044903
COGUNF03	Paonia Town of	Paonia WWTF	CO0047431
COGUNF04a,c	Scarp Ridge Lodge	Irwin Mountain Lodge	CO0045217
COGUNF06b	Crawford Town of	Crawford WWTF	CO0037729
COGUUN03 <u>b</u> a	Ouray City of	Ouray City of	CO0043397
COGUUN03ca	Ridgway Town of	Ridgway, Town of	COG588047
COGUUN04b	Montrose City of	Montrose WWTP	CO0039624
COGUUN04b	Olathe Town of	Olathe Town of	CO0020907
COGUUN04b	West Montrose Sanitation District	West Montrose Sanitation Dist WWTF	CO0030449
COGUUN10b	Elk Meadows Estates	Elk Meadows WWTF	COG589091
COGULG02	Delta City of	Delta WWTF	CO0039641
COGULG06b	Delta Correctional Center	Delta Correctional Center	COG588032
COGULG07b	Volunteers of America Care Fac	Horizon Health Care & Retirement Community	CO0042617
COGULG07b9	Cedaredge Town of	Cedaredge WWTF	CO0031984
COGUSM03b	Last Dollar PUD Improvements Assn	Last Dollar WWTF	COG588005
COGUSM03b	Telluride Town of	Regional WWTF	CO0041840
COGUSM0 <u>4a</u> 3	Ilium Park Owners Association	Lawson Hull PUD Ilium Valley WWTF	COG588021
COGUSM04a	Wick Hospitality Group LLC	Blue Jay Restaurant and Lodge	COG588113
COGUSM04a	Fall Creek HOA	Fall Creek	COG588119

Segment	Permittee Name	Facility Name	Permit No.
COGUSM05a	Naturita Town of	Naturita WWTF	CO0024007
COGUSM08	Stemz LLC	Ilium Power Station Church Camp	COG588033
COGUSM12c	Nucla Town of	Nucla WWTF	COG589067
	SW Mesa County Rural Public Improvement District	SW Mesa Co Rural Pub Imp Dist WWTF	COG588086

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 note was added to the total phosphorus and chlorophyll a standards in these segments. The note references the table of qualified facilities at 35.5(4).
- For segments located entirely below these facilities, nutrient standards do not apply.

A note 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.

35.6 TABLES

(1) <u>Introduction</u>

The numeric standards for various parameters in this regulation and in the tables in Appendix 35 1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses. For each parameter listed in the tables in Appendix 35-1, only the most stringent standard is shown. Additional, less stringent standards may apply to protect additional uses and can be found in the tables in Regulation No. 31.

Numeric standards are not assigned for all parameters listed in the tables in 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 the tables in Appendix 35-1:

ac	=	acute (1-day)
<u>AEL</u> °C	Ξ	alternative effluent limit
°C	=	degrees Celsius
ch	=	chronic (30-day)
CL	=	cold lake temperature tier
CLL	=	cold large lake temperature tier
CS-I	=	cold stream temperature tier one
CS-II	=	cold stream temperature tier two
DM	=	daily maximum temperature
D.O.	=	dissolved oxygen
DUWS	=	direct use water supply
E. coli	=	Escherichia coli
mg/L	=	milligrams per liter
MWAT	=	maximum weekly average temperature
OW	=	outstanding waters

sc = sculpin sp = spawning

SSE = site-specific equation
T = total recoverable

t = total tr = trout

TVS = table value standard $\mu g/L$ = micrograms per liter UP = use-protected

WL = warm lake temperature tier

WS = water supply

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

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

Iron (chronic) = WS Manganese (chronic) = WS Sulfate (chronic) = WS

These abbreviations mean: For all surface waters with an actual water supply use, the less restrictive of the following two options shall apply as numerical standards, as specified in the Basic Standards and Methodologies at 31.16 Table II and III:

(i) existing quality as of January 1, 2000; or

(ii) Iron = $300 \mu g/L$ (dissolved) Manganese = $50 \mu g/L$ (dissolved) Sulfate = $250 \mu g/L$ (dissolved)

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 Other column in Appendix 35-1 tables as As(ch)=hybrid.
 - (ii) For discharges existing on or before 6/1/2013, the temporary modification is: As(ch)=current condition, expiring on 12/31/2024. Where a permit for an existing discharge is reissued or modified while the temporary modification is in effect, the division will include additional permit Terms and Conditions, which may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent.
 - (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 (total recoverable), expiring on 12/31/2024.

- (a) The first number in the range is the health-based water quality standard previously adopted by the Commission for the segment.
- (b) The second number in the range is a technology-based value established by the Commission for the purpose of this temporary modification.
- (c) Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-ofpipe" discharge level more restrictive than the second number in the range.

(3) <u>Table Value Standards</u>

In certain instances in the tables in Appendix 35-1, the designation "TVS" is used to indicate that for a particular parameter a "table value standard" has been adopted. This designation refers to numerical criteria set forth in the Basic Standards and Methodologies for Surface Water. The criteria for which the TVS are applicable are on the following table.

TABLE VALUE STANDARDS (Concentrations in µg/L unless noted)

PARAMETER ⁽¹⁾	TABLE VALUE STANDARDS (2)(3)
Aluminum(T)	Acute = e ^{(1.3695*In(hardness)+1.8308)} pH equal to or greater than 7.0 Chronic=e ^{(1.3695*In(hardness)-0.1158)} pH less than 7.0 Chronic= e ^{(1.3695*In(hardness)-0.1158)} or 87, whichever is less
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 $acute = \frac{0.411}{1 + 10} \frac{58.4}{7.204 - pH} + \frac{58.4}{1 + 10} \frac{pH - 7.204}{1 + 10}$
	$chronic (Apr1 - Aug31) = \left(\frac{0.0577}{1+10^{7.688-pH}} + \frac{2.487}{1+10^{pH-7.688}}\right) * MIN \left(2.85, 1.45*10^{0.028(25-T)}\right)$
	$chronic \; (Sep 1 - Mar 31) = \left(\frac{0.0577}{1 + 10^{7.688 - pH}} + \frac{2.487}{1 + 10^{pH - 7.688}}\right) * 1.45 * 10^{0.028*(25 - M4X(T, 7))}$
Cadmium	$ \begin{array}{l} \text{Acute(warm)}^{(5)} = (1.136672 - (\ln(\text{hardness}) * 0.041838)) * e^{(0.9789 * \ln(\text{hardness}) - 3.443)} \\ \text{Acute(cold)}^{(5)} = (1.136672 - (\ln(\text{hardness}) * 0.041838)) * e^{(0.9789 * \ln(\text{hardness}) - 3.866)} \\ \text{Chronic} = (1.101672 - (\ln(\text{hardness}) * 0.041838)) * e^{(0.7977 * \ln(\text{hardness}) - 3.909)} \\ \end{array} $
Chromium III ⁽⁶⁾	Acute = $e^{(0.819^*ln(hardness)+2.5736)}$ Chronic = $e^{(0.819^*ln(hardness)+0.5340)}$
Chromium VI ⁽⁶⁾	Acute = 16 Chronic = 11

Copper	Acute = $e^{(0.9422*ln(hardness)-1.7408)}$ Chronic = $e^{(0.8545*ln(hardness)-1.7428)}$						
Lead	Acute = (1.46203-(ln(hardness)*0.145712))*e ^{(1.273*ln(hardness)-1.46)} Chronic = (1.46203-(ln(hardness)*0.145712))*e ^{(1.273*ln(hardness)-4.705)}						
Manganese	Acute = $e^{(0.3331*ln(hardness)+6.4676)}$ Chronic = $e^{(0.3331*ln(hardness)+5.8743)}$						
Nickel	Acute = $e^{(0.846*ln(hardness)+2.253)}$ Chronic = $e^{(0.846*ln(hardness)+0.0554)}$						
Selenium ⁽⁷⁾	Acute = 18.4 Chronic = 4.6						
Silver	Acute = $0.5*e^{(1.72*ln(hardness)-6.52)}$ Chronic = $e^{(1.72*ln(hardness)-9.06)}$ Chronic(Trout) = $e^{(1.72*ln(hardness)-10.51)}$						
Temperature		TEMPERAT STANDARD					
	TEMPERATURE TIER	TIER CODE	SPECIES EXPECTED TO BE PRESENT	APPLICABLE MONTHS	MWAT	DM	
	Cold Stream	CS-I	brook trout, cutthroat trout	June – Sept.	17.0	21.7	
	Tier I			Oct. – May	9.0	13.0	
	Cold Stream	CS-II	all other cold-water species	April – Oct.	18.3	24.3	
	Tier II			Nov. – March	9.0	13.0	
	Cold Lakes ⁽⁸⁾	CL	brook trout, brown trout, cutthroat trout, lake trout, rainbow trout, Arctic grayling, sockeye salmon	April – Dec.	17.0	21.2	
				Jan. – March	9.0	13.0	
	Cold Large Lakes (>100 acres surface area) ⁽⁸⁾	CLL	rainbow trout, brown trout, lake trout	April – Dec.	18.3	24.2	
				Jan. – March	9.0	13.0	
	Warm Stream Tier II	WS-II	brook stickleback, central stoneroller, creek chub, longnose dace, northern redbelly dace, finescale dace, razorback sucker, white sucker, mountain sucker	March – Nov.	27.5	28.6	
				Dec. – Feb.	13.8	25.2	
	Warm Stream	WS-III	all other warm-water species	March – Nov.	28.7	31.8	
	Tier III			Dec. – Feb.	14.3	24.9	
	Warm Lakes	WL	black crappie, bluegill, common carp, gizzard shad, golden shiner, largemouth bass, northern pike, pumpkinseed, sauger, smallmouth bass, spottail shiner, stonecat, striped bass, tiger muskellunge, walleye, wiper, white bass, white crappie, yellow perch	April – Dec.	26.2	29.3	
				Jan. – March	13.1	24.1	
Uranium	Acute = $e^{(1.1021*)}$ Chronic = $e^{(1.10)}$	Acute = $e^{(1.1021*ln(hardness)+2.7088)}$ Chronic = $e^{(1.1021*ln(hardness)+2.2382)}$					

Zinc	Acute = 0.978*e(0.9094*ln(hardness)+0.9095)
	Chronic = $0.986 \cdot e^{(0.9094 \cdot \ln(\text{hardness}) + 0.6235)}$
	Where hardness is less than 102 mg/L CaCO ³ and mottled sculpin are expected to be
	present:
	Chronic (sculpin) = $e^{(2.140*ln(hardness)-5.084)}$

TABLE VALUE STANDARDS - FOOTNOTES

- (1) Metals are stated as dissolved unless otherwise specified.
- (2) Hardness values to be used in equations are in mg/L as calcium carbonate and shall be no greater than 400 mg/L, except for aluminum for which hardness shall be no greater than 220 mg/L. The hardness values used in calculating the appropriate metal standard should be based on the lower 95 per cent confidence limit of the mean hardness value at the periodic low flow criteria as determined from a regression analysis of site-specific data. Where insufficient site-specific data exists to define the mean hardness value at the periodic low flow criteria, representative regional data shall be used to perform the regression analysis. Where a regression analysis is not appropriate, a site-specific method should be used. In calculating a hardness value, regression analyses should not be extrapolated past the point that data exist.
- (3) Both acute and chronic numbers adopted as stream standards are levels not to be exceeded more than once every three years on the average.
- (4) For acute conditions the default assumption is that salmonids could be present in cold water segments and should be protected, and that salmonids do not need to be protected in warm water segments. For chronic conditions, the default assumptions are that early life stages could be present all year in cold water segments and should be protected. In warm water segments the default assumption is that early life stages are present and should be protected only from April 1 through August 31. These assumptions can be modified by the commission on a site-specific basis where appropriate evidence is submitted. The "T" in the chronic equations stands for temperature.
- (5) The acute(warm) cadmium equation applies to segments classified as Aquatic Life Warm Class 1 or 2. The acute(cold) cadmium equation applies to segments classified as Aquatic Life Cold Class 1 or 2.
- Unless the stable forms of chromium in a waterbody have been characterized and shown not to be predominantly chromium VI, data reported as the measurement of all valence states of chromium combined should be treated as chromium VI. In addition, in no case can the sum of the concentrations of chromium III and chromium VI or data reported as the measurement of all valence states of chromium combined exceed the water supply standards of 50 μg/L chromium in those waters classified for domestic water use.
- (7) Selenium is a bioaccumulative metal and subject to a range of toxicity values depending upon numerous site-specific variables.
- (8) Lake trout-based summer temperature criteria [16.6 (ch), 22.4 (ac)] apply where appropriate and necessary to protect lake trout from thermal impacts.

(4) Discharger-Sspecific Variances

(a) San Miguel Segment 12c (COGUSM12c):

Discharger-sepecific Variance, Town of Nucla (COG589067), Adopted 10/11/2016.

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Ammonia (acute):= TVS:AEL=no limit;
Ammonia (chronic):= TVS:AEL=13.8 mg/L (11/1-4/30);
Ammonia (chronic):= TVS:AEL=8.3 mg/L (5/1-10/31).
Expiration date: 12/31/2026.
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(5) <u>Stream Classifications and Water Quality Standards Tables</u>

The stream classifications and water quality standards tables in Appendix 35-1 are incorporated herein by reference.

The following is information regarding duration and measured form of standards in Appendix 35-1:

- (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.
- (e) All ammonia, nitrate, and nitrite standards are based upon the concentration reported as nitrogen.

(6) Site-specific Standards, Assessment Locations, and Assessment Criteria

The following criteria and/or locations shall be used when assessing whether a specified waterbody is in attainment of the specified standard.

- (a) Upper Gunnison Segment 18b: Temperature Assessment Locations (4/1 10/31)
 - Tomichi Creek at Doyleville: 38.456592, -106.626869
 - Tomichi Creek at Gunnison: 38.521111, -106.940958

- (b) North Fork Gunnison Segment 3: Temperature Assessment Location (3/16 11/15)
 - North Fork Gunnison River above mouth near Lazear: 38.785167, -107.833417

35.7 - 35.10 RESERVED

35.51 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), all existing temporary modifications were examined to determine whether they should be deleted, modified, extended, or left unchanged.

1. Temporary Modifications for Standards Other than Arsenic

The commission allowed to expire on 12/31/2022 temporary modifications on the following segments:

Upper Gunnison River: 12 (COGUUG12; cadmium, copper, zinc), 21 (COGUUG21; uranium)

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 35.47, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24), with the exception of those listed below, were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 35.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

Where evidence indicated the requirements to qualify for a temporary modification were not met, temporary modifications were deleted. Temporary modifications for arsenic were deleted from the following segment because the segment is designated as Outstanding Waters and has no CDPS permitted dischargers with WQBELs for arsenic:

Upper Gunnison River: 1 (COGUUG01)

B. Site-specific Standards

Site-specific criteria-based standards are adopted where alternate criteria are shown to be protective of the classified uses. Site-specific ambient-based standards are adopted where natural or irreversible human-induced conditions result in pollutant concentrations that exceed table value standards. Feasibility-based ambient standards are adopted where water quality can be improved, but not to the

level required by the current numeric standard. Information is currently being gathered to better understand the basis of all existing site-specific standards and determine what information is needed to review each standard in future basin reviews. The commission made no revisions to any site-specific standards at this time

C. Discharger-Specific Variances

The commission reviewed the basis, available information, and progress toward achieving the alternative effluent limit for the one discharger-specific variance (DSV) in Regulation No. 35.

San Miguel River Segment 12c (COGUSM12c): There is currently a DSV for acute and chronic ammonia, which applies to the Town of Nucla (expires 12/31/2026). The commission reviewed the Town of Nucla's progress toward achieving the alternative effluent limits (AELs) for ammonia and determined that the AELs adopted in 2016 continue to represent the highest attainable water quality that is feasible for the Town of Nucla to achieve.

As part of its DSV requirements, the Town of Nucla was required to remove biosolids in its lagoon system, reline the lagoon, add baffle curtains, upgrade the aeration system, and install an insulated lagoon cover. The Town of Nucla has completed biosolids removal, relining of the lagoon, and addition of baffle curtains. Upgrades to the aeration system are in progress and currently 70% complete. Due to COVID-19 pandemic-related supply chain problems, the blowers needed to complete the aeration system upgrades have not been delivered yet; therefore, this phase of the project is estimated to be completed by August 2022. The final phase of the project, installation of an insulated modular floating cover system, is currently incomplete. Due to the significant rise in construction material costs in the recent years, insufficient funds remain to install the lagoon cover at this time. However, the Town of Nucla's effluent ammonia concentrations since the spring of 2020 show the ammonia AELs are being achieved. Therefore, the commission determined the Town of Nucla can continue to operate the treatment system without a lagoon cover until the end of 2024 and monitor whether ammonia concentrations continue to stay below AELs. If ammonia concentrations continue to achieve the AELs, the need for a lagoon cover can be reevaluated during the next review of this DSV. Therefore, the commission determined that this DSV is still appropriate and does not require revision at this time.

The commission adopted non-substantive revisions to the format of this DSV in Section 35.6(4)(a) and the Appendix 35-1 table to provide clarity and consistency. In addition, the acronym "AEL" was defined at 35.6(2)(a).

D. Standards to Protect the Aquatic Life, Recreation, Water Supply, and Agriculture Uses

The commission reviewed the standards applied to each segment to determine if the standards are consistent with the uses. Some segments assigned an Aquatic Life, Recreation, Water Supply, and/or Agriculture use classification were missing one or more standards to protect that use. The commission adopted the missing standards for the following segments:

Uncompandere River: 17 (COGUUN17; chronic zinc table value standard for Aquatic Life), 21 (COGUUN21; chronic arsenic standard of 7.6 µg/L for Fish Ingestion)

E. Other Standards to Protect Aquatic Life and Recreation Uses

The commission declined to adopt EPA's revised 304(a) Aquatic Life criteria for selenium, ammonia, and aluminum 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.

EPA has also released updated criteria or guidance for several other parameters, including copper (Aquatic Life), *E. coli* (Recreation), cyanotoxins (Recreation), and the human health risk exposure assumptions. However, the division does not recommend adopting EPA's recommendations for these parameters at this time, as these items are not included on the division's 10-year water quality roadmap.

F. Clarifications and Correction of Segmentation, Typographical, and Other Errors

The following edits were made to the regulation and Appendix 35-1 to improve clarity and correct typographical errors:

- The qualified discharger table at 35.5(4) was updated to accurately reflect the segment location of Cedaredge WWTF, City of Ouray, Town of Ridgway, Naturita WWTF, and Lawson Hill Ilium Valley WWTF. In addition, the table was re-ordered by segment number (rather than alphabetically by discharger).
- The segment descriptions in Appendix 35-1 were reviewed, and minor revisions were made
 to several segments to correct grammar, punctuation, and typos, and improve sentence
 structure. The purpose of these changes was to improve clarity and consistency of the
 segment descriptions.

Upper Gunnison River: 1, 6a, 6b, 12, 16a, 21 North Fork of the Gunnison River: 4a, 6b

Uncompahgre River: 9, 11, 17 Lower Gunnison River: 6b, 6c San Miguel River: 2, 6a, 7 Lower Dolores River: 3c, 4

- The segment description of Upper Gunnison River Segment 10b (COGUUG10b) was clarified
 to explicitly include the mainstem of Redwell Creek, which was the intention when this
 segment was created in 2012.
- To be consistent with other segment descriptions, wetlands were added to the descriptions of the following segments:

Upper Gunnison River: 6a, 16a, 20, 31 North Fork of the Gunnison River: 4a, 4c, 6b

Uncompander River: 6b, 9, 11 Lower Gunnison River: 4b, 8a, 8b

Lower Dolores River: 4

• Existing site-specific temperature standards were reformatted in the Appendix 35-1 tables to provide clarity and consistency for the following segments:

Upper Gunnison River: 18b, 38 North Fork of the Gunnison River: 3

Uncompahgre River: 3b San Miguel River: 3b, 4b Lower Dolores River: 1a, 1b

• The manganese standards for Lower Gunnison River segments 8a and 8b (COGULG08a and COGULG08b) were corrected. The chronic manganese standard was erroneously shown as a combination of WS, TVS, and 1,000 μg/L; however, the value of 1,000 μg/L was an error, as it was proposed for deletion but inadvertently retained in 2001 (35.71(B)). Therefore, the chronic manganese standard was corrected to "TVS/WS", consistent with other segments with Aquatic Life and Water Supply uses.

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 <u>12/31/2021</u>9/30/2022

Abbreviations and Acronyms

Aquatic =

Aq °C degrees Celsius

CL = cold lake temperature tier CLL cold large lake temperature tier CS-I cold stream temperature tier one = CS-II = cold stream temperature tier two

D.O. = dissolved oxygen

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality mg/L milligrams per liter

 $mg/m^2 =$ milligrams per square meter

mĹ

MWAT = maximum weekly average temperature

OW outstanding waters SSE site-specific equation Т total recoverable =

t total trout tr

TVS table value standard μg/L = micrograms per liter UP use-protected = WS water supply

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

WL warm lake temperature tier

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

	of La Jara Creek from immediately abo			WILLI LITE INIC	Î	fotolo (ve/l)	
CORGAL12	Classifications	Physical and			, , , , , , , , , , , , , , , , , , ,	fletals (ug/L)	
	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:		pН	6.5 - 9.0		Cadmium(T)	5.0	
Water + Fish	Standards Apply	chlorophyll a (mg/m²)		150*	Chromium III		TVS
Other:		E. coli (per 100 mL)		126	Chromium III(T)	50	
Discharger Sn	ecific Variance(s):	Inorgani	ic (mg/L)		Chromium VI	TVS	TVS
Ammonia(ac/o	ch) = See Section 36.6(6) for details on		acute	chronic	Copper	TVS	TVS
	or the Town of La Jara. = See Section 36.6(6) for details on	Ammonia	TVS	TVS	Iron		WS
the variance for	or the Town of La Jara.	Boron		0.75	Iron(T)		1000
	e of $12/31/2025$ (mg/m ²)(chronic) = applies only above	Chloride		250	Lead	TVS	TVS
	sted at 36.5(4).	Chlorine	0.019	0.011	Lead(T)	50	
facilities listed	chronic) = applies only above the at 36.5(4).	Cyanide	0.005		Manganese	TVS	TVS/WS
*Uranium(acu	te) = See 36.5(3) for details.	Nitrate	10		Manganese(T)		200
*Uranium(chro	onic) = See 36.5(3) for details.	Nitrite		0.05	Mercury(T)		0.01
		Phosphorus		0.17*	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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) 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.

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

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

36.6 TABLES

(1) <u>Introduction</u>

The numeric standards for various parameters in this regulation and in the tables in Appendix 36-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses. For each parameter listed in the tables in Appendix 36-1, only the most stringent standard is shown. Additional, less stringent standards may apply to protect additional uses and can be found in the tables in Regulation No. 31.

Numeric standards are not assigned for all parameters listed in the tables in 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 the tables in Appendix 36-1:

acute (1-day) ac alternative effluent limit AEL Ξ °C degrees Celsius ch = chronic (30-day) = CL cold lake temperature tier cold large lake temperature tier CLL = CS-L cold stream temperature tier one = cold stream temperature tier two CS-II daily maximum temperature DM D.O. = dissolved oxygen **DUWS** direct use water supply = Escherichia coli E. coli mg/L = milligrams per liter **MWAT** maximum weekly average temperature = outstanding waters OW = spawning sp site-specific equation SSE = Т = total recoverable total t = tr trout TVS table value standard micrograms per liter μg/L

UP = use-protected

WL = warm lake temperature tier

WS = water supply

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

(6) Discharger-specific Variances

(a) Alamosa River/La Jara Creek/Conejos River Segment 12 (CORGAL12):

<u>Discharger-specific Variance, Town of La Jara (CO0020150), Adopted 6/13/2022.</u>

```
Ammonia ((acute): Initial AEL= *, Final AEL= *;
Ammonia (chronic): Initial AEL= *, Final AEL= *;
TIN (acute): Initial AEL= *, Final AEL= *.
Expiration date: 12/31/2025.
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[*Because the collaborative technical analysis is ongoing and further evaluation of selected alternatives is needed, the Initial AEL and Final AEL values are in development and will be provided in the division's Prehearing Statement]

36.7 - 36.9 RESERVED

36.48 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of all temporary modifications to determine whether the temporary modifications should be modified, eliminated, or extended.

1. Temporary Modifications for Standards Other than Arsenic

There are currently no temporary modifications for standards other than arsenic.

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 36.44, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24) were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 36.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

B. Discharger-specific Variances (DSVs)

The commission's provisions at Regulation 31.7(4) allow adoption of a discharger-specific variance (DSV), which is a temporary standard that represents the highest feasible degree of protection of a classified use, while temporarily authorizing alternative effluent limits (AELs) for a specific pollutant and specific point source discharge where compliance with the water quality-based effluent limits (WQBELs) is not feasible. An initial AEL ensures the protection of currently attained ambient water quality from the onset of the variance, and a final AEL represents the highest attainable condition that is feasible to achieve during the term of the variance.

Alamosa River/La Jara Creek/Conejos River Segment 12 (CORGAL12): The commission adopted a DSV for Alamosa River/La Jara Creek/Conejos River Segment 12 (CORGAL12) for ammonia and total inorganic nitrogen (TIN) that represents the highest degree of protection of the classified use that is economically feasible for the Town of La Jara (CO0020150). For ammonia, the initial AEL shall not be more restrictive than ____* and the final AEL shall not be more restrictive than ____* prior to the expiration of the DSV on 12/31/2025. For TIN, the initial AEL shall not be more restrictive than ____* and the final AEL shall not be more restrictive than ____* prior to the expiration of the DSV on 12/31/2025. The

commission ensures that the discharge will not contribute to any lowering of the currently attained ambient water quality by adopting an initial AEL that, at a minimum, represents the level currently achieved, as stated by its rule at 31.7(4)(b)(i)(C).

[*Because the collaborative technical analysis is ongoing and further evaluation of selected alternatives is needed, the Initial AEL and Final AEL values are in development and will be provided in the division's Prehearing Statement]

There is currently significant seasonal variability in influent flows to the wastewater treatment plant that is believed to be due to groundwater inflow to the Town of La Jara's collection system. In addition, the Town of La Jara's wastewater treatment facility has sludge accumulation that is affecting its organics (TSS, BOD_5) removal, and the lack of a disinfection system is causing a health hazard to downstream uses. During the term of this variance, the Town of La Jara will take steps to reduce groundwater inflow, which will reduce influent volume. The planned collection system lining and treatment facility rehabilitation actions will help provide the necessary conditions to achieve basic secondary standards, which will ultimately establish a path forward to implementing ammonia and TIN removal technologies in the future. Biological ammonia removal can only occur when BOD_5 concentrations in the wastewater are reduced below 30 mg/L; hence, the system needs to be able to meet secondary standards before more advanced treatment for ammonia and TIN is possible.

A comprehensive alternatives analysis (Exhibit XX) demonstrated that compliance with the ammonia and TIN WQBELs would cause substantial and widespread adverse social and economic impacts in the area where the discharge is located. Treatment that would allow the Town of La Jara to meet the ammonia and TIN WQBELs, such as replacing the lagoon with a mechanical plant, would result in user fees that exceed the community's ability to pay. Based on the information in Exhibit XX, the commission determined that any alternative that would result in user fees exceeding 1.7% of median household income for the Town of La Jara's residents was economically infeasible at this time. This finding of economic infeasibility is based on the current economic conditions in the Town of La Jara, including a local median household income that is significantly lower than the State's average, high rates of unemployment and job loss, and a declining population, which qualify the community to be identified as a disadvantaged community by Division of Local Affairs.

The commission adopted a DSV with an initial AEL to protect the ambient water quality in the receiving stream and a final AEL that is based upon the expected ammonia and TIN effluent quality that will be achieved through feasible improvements to the lagoon. Because there is uncertainty in the final effluent quality that will be achieved, the Town of La Jara will collect additional data to characterize the effectiveness of the improvements, which the commission will review upon reevaluation of the DSV. The commission expects that the Town of La Jara will submit annual progress reports until the end of the DSV. If, at the end of the DSV, it remains infeasible for the Town of La Jara to achieve ammonia and TIN WQBELs, a subsequent DSV may be appropriate.

In addition, the acronym "AEL" was defined at 36.6(2)(a).

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-37

REGULATION NO. 37
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
LOWER COLORADO RIVER BASIN

APPENDIX 37-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/2021<u>9/30/2022</u>

Abbreviations and Acronyms

Aquatic =

Aq °C degrees Celsius

CL = cold lake temperature tier CLL cold large lake temperature tier cold stream temperature tier one CS-I 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

mg/m² milligrams per square meter

mL

MWAT maximum weekly average temperature

OW outstanding waters

sculpin SC

SSE site-specific equation = total recoverable Т =

t total trout tr =

TVS table value standard μg/L = micrograms per liter UP use-protected = WS water supply

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

WL warm lake temperature tier

REGULATION #37 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower Colorado River

COLCLC04E	Classifications	Physical and	Biological			Vletals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
JP	Aq Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation N		acute	chronic	Arsenic(T)		100
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
Temporary M	Modification(s):	chlorophyll a (mg/m²)			Chromium III(T)		100
) = current conditions*	E. coli (per 100 mL)		630	Chromium VI	TVS	TVS
	ite of 6/30/2023 12/31/2023	Inorgani	c (mg/L)		Copper	TVS	TVS
· ·Phoenhorue/	(chronic) = applies only above the		acute	chronic	Iron(T)		varies*
acilities listed	d at 37.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
	nic) = 3500(T) ug/L on unnamed 5900(T) ug/L on Dry Creek, see	Boron		0.75	Manganese	TVS	TVS
section 37.6(4	4)(c) for iron assessment locations.	Chloride			Mercury(T)		0.01
*Uranium(acute) = See 37.5(3) for details. *Uranium(chronic) = See 37.5(3) for details.		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
TempMod: C	Copper = Adopted 6/9/2008	Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.05	Silver	TVS	TVS
		Phosphorus		0.11*	Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			
4f. Mainstem	of Dry Creek including all tributaries a	Ind wetlands from a point immedia	tely above the Last	Chance Dite	h to the confluence with th	e Colorado River.	
	Classifications	Physical and	-		1	Wetals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation N		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
Γemporary M	Modification(s):	chlorophyll a (mg/m²)			Chromium III(T)		100
	i) = current conditions*	E. coli (per 100 mL)		630	Chromium VI	TVS	TVS
	te of 6/30/2023 12/31/2023	Inorgani	c (mg/L)		Copper	TVS	TVS
,			acute	chronic	Iron(T)		1000
Expiration Da	(abrania) applies aply above the				Lood	TVS	TVS
Expiration Da Phosphorus((chronic) = applies only above the d at 37.5(4).	Ammonia	TVS	TVS	Lead	1 7 0	
Expiration Da Phosphorus(acilities listed		Ammonia Boron	TVS 	TVS 0.75	Manganese	TVS	TVS
Expiration Da Phosphorus(acilities listed Uranium(acu	d at 37.5(4).						TVS 0.01
Expiration Da Phosphorus(acilities listed Uranium(acu Uranium(chre	d at 37.5(4). ute) = See 37.5(3) for details.	Boron		0.75	Manganese		0.01
Expiration Da Phosphorus(acilities listed Uranium(acu Uranium(chre	d at 37.5(4). ute) = See 37.5(3) for details. onic) = See 37.5(3) for details.	Boron Chloride		0.75	Manganese Mercury(T)	TVS 	0.01 150
Expiration Da Phosphorus(acilities listed Uranium(acu Uranium(chre	d at 37.5(4). ute) = See 37.5(3) for details. onic) = See 37.5(3) for details.	Boron Chloride Chlorine	 0.019	0.75 0.011	Manganese Mercury(T) Molybdenum(T)	TVS 	0.01 150 TVS
Expiration Da Phosphorus(acilities listed Uranium(acu Uranium(chre	d at 37.5(4). ute) = See 37.5(3) for details. onic) = See 37.5(3) for details.	Boron Chloride Chlorine Cyanide	 0.019 0.005	0.75 0.011 	Manganese Mercury(T) Molybdenum(T) Nickel	TVS TVS	0.01 150 TVS TVS
Expiration Da Phosphorus(acilities listed Uranium(acu Uranium(chre	d at 37.5(4). ute) = See 37.5(3) for details. onic) = See 37.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate	0.019 0.005 100	0.75 0.011 	Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS TVS TVS	0.01 150 TVS TVS
Expiration Da Phosphorus(acilities listed Uranium(acu	d at 37.5(4). ute) = See 37.5(3) for details. onic) = See 37.5(3) for details.	Boron Chloride Chlorine Cyanide Nitrate Nitrite	0.019 0.005 100	0.75 0.011 0.05	Manganese Mercury(T) Molybdenum(T) Nickel Selenium Silver	TVS TVS TVS TVS	TVS 0.01 150 TVS TVS TVS varies*

sc = sculpin

D.O. = dissolved oxygen

STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS - FOOTNOTES

- (A) Whenever a range of standards is listed and referenced to this footnote, the first number in the range is a strictly health-based value, based on the Commission's established methodology for human health-based standards. The second number in the range is a maximum contaminant level, established under the federal Safe Drinking Water Act that has been determined to be an acceptable level of this chemical in public water supplies, taking treatability and laboratory detection limits into account. Control requirements, such as discharge permit effluent limitations, shall be established using the first number in the range as the ambient water quality target, provided that no effluent limitation shall require an "end-of-pipe" discharge level more restrictive than the second number in the range. Water bodies will be considered in attainment of this standard, and not included on the Section 303(d) List, so long as the existing ambient quality does not exceed the second number in the range.
- (B) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 37 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR LOWER COLORADO RIVER BASIN

5 CCR 1002-37

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

37.45 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of all temporary modifications to determine whether the temporary modifications should be modified, eliminated, or extended.

1. Temporary Modifications for Standards Other than Arsenic

The commission's intent is that adequate division, commission, and stakeholder resources are available to maintain focus on work and hearings prioritized by the 10-year Water Quality Roadmap, including a rulemaking hearing to consider revisions to Regulation No. 85, Policy 17-1, and lakes nutrients criteria in November 2022. To accommodate this rulemaking hearing in November 2022, the 2022 biennial temporary modifications rulemaking hearing, which is typically held in December, was consolidated into the June 2022 rulemaking hearing. In some cases, proposals to resolve the temporary modifications could not be prepared on this accelerated timeline and additional time was needed. To allow these temporary modifications to be addressed as soon as possible, the division proposed to include these temporary modifications in the June 2023 rulemaking hearing. To facilitate this delay, temporary modifications expiring on or before June 30, 2023 needed to be extended; an expiration date of December 31, 2023 aligns with the anticipated effective date of the June 2023 rulemaking hearing. Accordingly, the commission considered the expiration dates of temporary modifications expiring on or before June 30, 2023 and extended the following temporary modifications:

The commission extended by six months the following temporary modifications:

Lower Colorado River: 4e (COLCLC04e; copper; expires 12/31/2023) and 4f (COLCLC04f; copper; expires 12/31/2023)

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 37.41, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24) were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 37.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-38

REGULATION NO. 38
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SOUTH PLATTE RIVER BASIN, LARAMIE RIVER BASIN
REPUBLICAN RIVER BASIN, SMOKY HILL RIVER BASIN

APPENDIX 38-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/20219/30/2022

Abbreviations and Acronyms

Aquatic =

Aq °C degrees Celsius

CL = cold lake temperature tier CLL cold large lake temperature tier CS-I cold stream temperature tier one = CS-II = cold stream temperature tier two

D.O. = dissolved oxygen

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality mg/L milligrams per liter

 $mg/m^2 =$ milligrams per square meter

mĹ

MWAT = maximum weekly average temperature

OW outstanding waters SSE site-specific equation Т total recoverable =

t total trout tr

TVS table value standard μg/L = micrograms per liter UP use-protected = WS water supply

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

WL warm lake temperature tier

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper South Platte River Basin

15. Mainstem	of the South Platte River from the Burli	naton Ditch diversion in Denver.	Colorado, to a point	t immediately	below the confluence with	ı Bia Dry Creek.	
	Classifications	Physical and		·······································		Metals (ug/L)	
Designation	Agriculture	,	DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WS-I	WS-I	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)	varies*	varies*	Cadmium	TVS	TVS
Qualifiers:		pH	6.0-9.0*		Cadmium(T)	5.0	
Other:		pH	6.5 - 9.0		Chromium III		TVS
Temporary Me	odification(s):	chlorophyll a (mg/m²)			Chromium III(T)	50	
Arsenic(chroni	. ,	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	e of 12/31/2024				Copper		TVS*
temperature(D	DM/MWAT) = current	Inorgan	ic (mg/L)		Copper	TVS*	
condition*	o of 40/24/2024	. 3	acute	chronic	Iron		WS
	e of 12/31/2021	Ammonia	TVS*	TVS*	Iron(T)		1000
	ecific Variance(s):	Boron		0.75	Lead	TVS	TVS
•	te) = TVS: no limit	Chloride		250	Lead(T)	50	
,	onic) = TVS: 24 µg/L	Chlorine	0.019	0.011	Manganese	TVS	TVS/400
•	e of 12/31/2023	Cyanide	0.005		Mercury(T)		0.01
*Ammonia(acu specific standa	ute) = See section 38.6(4) for site- ards.	Nitrate	10		Molybdenum(T)		150
	onic) = See section 38.6(4) for site-	Nitrite	1.0		Nickel	TVS	TVS
*Copper(acute	e) = Copper BLM-based FMB	Phosphorus			Nickel(T)		100
Cu FMB(ac)=2	26.4 ug/l of the Metro Hite WWTF outfall.	Sulfate		WS	Selenium	TVS	TVS
*Copper(chron	nic) = Copper BLM-based FMB	Sulfide		0.002	Silver	TVS	TVS
Cu FMB(ch)=		Sullide		0.002			varies*
	of the Metro Hite WWTF outfall						
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa	chronic) = See section 38.6(4) for site- ards.				Uranium Zinc	varies* TVS	TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(a specific standa *pH(acute) = 6 miles *TempMod: te	te) = See 38.5(3) for details. pric) = See 38.5(3) for details. acute) = See section 38.6(4) for site- acts. chronic) = See section 38.6(4) for site-						
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(o specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princute) = See section 38.6(4) for site- princute. princute: See section 38.6(4) for site- princu	urce to the confluence with the So	outh Platte.				
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- princ) = See section 38.6(4) for site- principle see section 38.6(4) for details.	urce to the confluence with the So			Zinc		
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation	te) = See 38.5(3) for details. poinc) = See 38.5(3) for details. acute) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. 6.0 - 9.0 from 64th Ave. downstream 2 mperature = Adopted 6/8/2009 tenium = see 38.6(6) for details. ulch, including all wetlands from the soundards. Classifications Agriculture			MWAT	Zinc	TVS	
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princip = See section 38.6(6) for details.		Biological	MWAT WS-II	Zinc	TVS Metals (ug/L)	TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP	te) = See 38.5(3) for details. poinc) = See 38.5(3) for details. acute) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. 6.0 - 9.0 from 64th Ave. downstream 2 mperature = Adopted 6/8/2009 tenium = see 38.6(6) for details. ulch, including all wetlands from the soundards. Classifications Agriculture	Physical and	Biological DM		Zinc	TVS Metals (ug/L) acute	TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princip = See section 38.6(6) for details.	Physical and	Biological DM WS-II	WS-II	Zinc	Metals (ug/L) acute 340	chronic
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princip = See section 38.6(6) for details.	Physical and Temperature °C	Biological DM WS-II acute	WS-II chronic	Zinc Arsenic Arsenic(T)	Metals (ug/L) acute 340	chronic 100
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Other:	te) = See 38.5(3) for details. poinc) = See 38.5(3) for details. acute) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. 6.0 - 9.0 from 64th Ave. downstream 2 mperature = Adopted 6/8/2009 denium = see 38.6(6) for details. ulch, including all wetlands from the soi Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²)	Biological DM WS-II acute	WS-II chronic 5.0	Zinc Arsenic Arsenic(T) Cadmium	Metals (ug/L) acute 340 TVS	chronic 100 TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *DH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Other: Temporary Metemperature(Ne	te) = See 38.5(3) for details. poinc) = See 38.5(3) for details. acute) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. 6.0 - 9.0 from 64th Ave. downstream 2 mperature = Adopted 6/8/2009 denium = see 38.6(6) for details. ulch, including all wetlands from the soi Classifications Agriculture Aq Life Warm 2 Recreation E	Physical and Temperature °C D.O. (mg/L) pH	DM WS-II acute 6.5 - 9.0	WS-II chronic 5.0	Arsenic Arsenic(T) Cadmium Chromium III	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *D.O. (mg/L)(c specific standa *D.O. (mg/L)(c specific standa *D.O. (mg/L)(c specific standa *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Other: Temporary Matemperature(Necondition*	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. acute) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. 6.0 - 9.0 from 64th Ave. downstream 2 mperature = Adopted 6/8/2009 denium = see 38.6(6) for details. ulch, including all wetlands from the soi Classifications Agriculture Aq Life Warm 2 Recreation E odification(s): MWAT) = current 12/1 - 2/25	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	WS-II chronic 5.0 	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy GL COSPUS16G Designation UP Qualifiers: Other: Temporary Mitemperature(Nocondition* Expiration Dat	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. phronic) = See section 38.6(6) for details. phronic = Adopted 6/8/2009 Classifications	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 	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy GL COSPUS16G Designation UP Qualifiers: Other: Temporary Mitemperature(Necondition* Expiration Dat	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princip = See section 38.6(6) for site- pards. princip = See section 38.6(6) for details. princip = Adopted 6/8/2009 princip = Adopte	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 5.0 126	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS*
*Uranium(acut *Uranium(chro *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Temporary M. temperature(M condition* Expiration Dat *Copper(acute Cu FMB(ac)=6 below the Cen	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. acute) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. chronic) = See section 38.6(4) for site- ards. choose section 38.6(6) for details. apperature = Adopted 6/8/2009 tenium = see 38.6(6) for details. alch, including all wetlands from the south of the south of the section in the se	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 5.0 126 chronic	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Copper	Metals (ug/L) acute 340 TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS*
"Uranium(acut "Uranium(cut "Uranium(chro "D.O. (mg/L)(a specific standa "D.O. (mg/L)(c specific standa "pH(acute) = 6 miles "TempMod: te "Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Other: Temporary Mondition* Exprendition* Exprendition* Exprendition* Exprendition* Cut FMB(ac)=6 pelow the Ceu "Copper(chron Cut FMB(ch)=4	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. phronic) = See section 38.6(9) for site- pards. phronic) = See section 38.6(6) for details. phronic = Adopted 6/8/2009 Lenium = see 38.6(6) for details. Lich, including all wetlands from the solution. Lich, including all wetlands from the solut	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS	WS-II chronic 5.0 126 chronic TVS	Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Copper Iron(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	chronic 100 TVS TVS 100 TVS TVS* 1000
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(a specific standa *PH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gt COSPUS16G Designation UP Qualifiers: Temporary Mitemperature(Note) condition* Expiration Dat *Copper(acute) Cu FMB(ac)=6 below the Cen FCopper(chror Cu FMB(ch)=4 below the Cen	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princip = See section 38.6(6) for details. princip = Adopted 6/8/2009 p	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	WS-II chronic 5.0 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Copper Iron(T) Lead	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS TVS* TVS*	Chronic 100 TVS TVS 100 TVS TVS* 1000 TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Temporary Metemperature(Necondition* Expiration Dat *Copper(acute Cu FMB(ac)=6 below the Cen *Ceplerium(acute cussessment lo	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = See section 38.6(4) for details. princic = See section 38.6(6) for details. princic = See section 38.6(6) for details. princic = See section 38.6(6) for details. princic = See section 58.6(6) for details. princic = See section 38.6(4)(b) for sections.	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 5.0 126 chronic TVS 0.75	Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS* TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS* 1000 TVS TVS*
"Uranium(acut "Uranium(chro "D.O. (mg/L)(a specific standa "D.O. (mg/L)(c specific standa "pH(acute) = 6 miles "TempMod: te "Variance: Sel 16g. Marcy GL COSPUS16G Designation UP Qualifiers: Other: Temporary Marcy GL Copper(acute) Condition* Expiration Dat "Copper(acute) Copper(acute) Copper(chron Cu FMB(ac)=6 Designation UP Cu FMB(ch)=4 Delow the Cene "Selenium(acute) Selenium(acute) Selenium(acute) Selenium(acute) Selenium(acute) Selenium(chr	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = See section 38.6(4) for details. princic = See section 38.6(6) for details. princic = See section 38.6(6) for details. princic = See section 38.6(4) for details. princic = See section	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 5.0 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Copper Iron(T) Lead Manganese Mercury(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS* TVS* TVS TVS TVS	Chronic 1000 TVS TVS 100 TVS TVS* 1000 TVS TVS 0.01
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy GL COSPUS16G Designation UP Qualifiers: Other: Temporary Mittemperature(Nother) temperature(Nother) Expiration Dat *Cupper(acute) Cupper(chron Cupper(chr	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = See section 38.6(4) for details. princic = See section 38.6(6) for details. princic = See section 38.6(6) for details. princic = See section 38.6(4) for details. princic = See section	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 5.0 126 127 128 129	Arsenic Arsenic(T) Cadmium Chromium III Chromium VI Copper Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T)	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS* TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS* 1000 TVS TVS 0.01 150
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *D.O. (mg/L)(c specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gu COSPUS16G Designation UP Qualifiers: Other: Temporary Metemperature(Nocondition* Expiration Dat *Copper(acute) Cu FMB(ac)=4 below the Cen *Selenium(acute) *Selenium(chrassessment lo *Uranium(acute) *Uranium(acute	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princip = See section 38.6(4) for details. princip = See 38.6(6) for details. princip = See 38.	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	ws-II chronic 5.0 126 chronic TVS 0.75 0.011	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS* 1000 TVS TVS 0.01 150 TVS
*Uranium(acut *Uranium(chro *D.O. (mg/L)(a specific standa *pH(acute) = 6 miles *TempMod: te *Variance: Sel 16g. Marcy Gt COSPUS16G Designation UP Qualifiers: Temporary Metemperature(Nocondition* Expression Dat *Copper(acute Cu FMB(ac)=6 below the Cen *Copper(chror Cu FMB(ch)=4 below the Cen *Selenium(acutessessment lo *Selenium(acutessessment lo *Uranium(chro *TempMod: te	te) = See 38.5(3) for details. princ) = See 38.5(3) for details. princ) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic) = See section 38.6(4) for site- pards. princic = See section 38.6(4) for site- pards. princic = Adopted 6/8/2009 The section = See 38.6(6) for details. princic = See See See See See See See See See S	Physical and Temperature °C D.O. (mg/L) pH chlorophyll a (mg/m²) E. coli (per 100 mL) Inorgan Ammonia Boron Chloride Chlorine Cyanide Nitrate Nitrite	Biological DM WS-II acute 6.5 - 9.0 ic (mg/L) acute TVS 0.019 0.005 100	## WS-II chronic 5.0 126 Chronic TVS 0.75 0.011 0.5	Arsenic Arsenic(T) Cadmium Chromium III Chromium III(T) Chromium VI Copper Copper Iron(T) Lead Manganese Mercury(T) Molybdenum(T) Nickel Selenium	TVS Metals (ug/L) acute 340 TVS TVS TVS TVS* TVS TVS TVS TVS TVS TVS TVS TVS	Chronic 100 TVS TVS 100 TVS TVS* 1000 TVS TVS 0.01 150 TVS 13*

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total tr = trout D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 38.6 for further details on applied standards.

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Clear Creek Basin

7a. Mainstem of Woods Creek from the outlet of Upper Urad Reservoir to the confluence with West Fork Clear Creek. COSPCL07A Classifications Physical and Biological Metals (ug/L) Designation Aq Life Cold 2 DM MWAT acute chronic UP Recreation N Temperature °C CS-I CS-I Arsenic 340 150 Qualifiers: D.O. (mg/L) 6.0 Chronium TVS TVS Temporary Modification(s): D.O. (mg/L) 6.0 Chromium III TVS TVS Temperature(MWAT) = current condition 10/1 - 11/30 Chromium VI TVS TVS Temperature(MWAT) = current condition 4/1 - 5/31 Chlorophyll a (mg/m²) Copper TVS TVS Expiration Date of 6/30/2023 12/31/2023 Manganese TVS TVS TVS "Uranium(acute) = See 38.5(3) for details. Inorganic (mg/L) Mercury(T) "Uranium(chronic) = See 38.5(3) for details. Inorganic (mg/L) Molybdenum(T)
Designation Aq Life Cold 2 DM MWAT Acute Chronic
UP Recreation N Temperature °C CS-I CS-I Arsenic 340 150
Qualifiers: acute chronic Cadmium TVS TVS Other: D.O. (mg/L) 6.0 Chromium III TVS TVS Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS temperature(MWAT) = current condition 4/1 - 5/31 chlorophyll a (mg/m²) Copper TVS TVS Expiration Date of 6/30/2023 12/31/2023 4/1 - 5/31 chlorophyll a (mg/m²) 630 Lead TVS TVS *Uranium(acute) = See 38.5(3) for details. Inorganic (mg/L) Mercury(T) 0.01 *Uranium(chronic) = See 38.5(3) for details. acute chronic Molybdenum(T)
Other: D.O. (mg/L) 6.0 Chromium III TVS TVS Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS temperature(MWAT) = current condition 10/1 - 11/30 temperature(MWAT) = current condition 4/1 - 5/31 temperature(MWAT) = current condition 4/1 - 5/31 temperature(MWAT) = current condition 1000 temperature(MWAT) = current condition
Temporary Modification(s): temperature(MWAT) = current
Temporary Modification(s): temperature(MWAT) = current 10/1 - 11/30 pH 6.5 - 9.0 Copper TVS TVS condition 4/1 - 5/31 chlorophyll a (mg/m²) lron(T) 1000 condition Expiration Date of 6/30/2023 12/31/2023 Expiration Date of 6/30/2023 12/31/2023 Lead TVS TVS *Uranium(acute) = See 38.5(3) for details. Inorganic (mg/L) Mercury(T) 0.01 *Uranium(chronic) = See 38.5(3) for details. acute chronic Molybdenum(T)
Condition temperature(MWAT) = current condition
temperature(MWAT) = current condition
Expiration Date of 6/30/202312/31/2023 Manganese TVS TVS *Uranium(acute) = See 38.5(3) for details. Inorganic (mg/L) Mercury(T) 0.01 *Uranium(chronic) = See 38.5(3) for details. acute chronic Molybdenum(T)
*Uranium(acute) = See 38.5(3) for details. *Uranium(chronic) = See 38.5(3) for details.
*Uranium(chronic) = See 38.5(3) for details.
*TempMod:Temperature = Adopted 6/9/2015 Ammonia TVS TVS Nickel TVS TVS
Boron Selenium TVS TVS Chloride Silver TVS TVS(tr)
11
-7,550
Nitrite 0.05
Phosphorus 0.11
Sulfate Sulfide 0.002
7b. Lower Urad Reservoir
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation Aq Life Cold 2 DM MWAT acute chronic
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation Aq Life Cold 2 DM MWAT acute chronic UP Recreation N Temperature °C CL CL Arsenic 340 150 Qualifiers: acute chronic Cadmium TVS TVS
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation Aq Life Cold 2 DM MWAT acute chronic UP Recreation N Temperature °C CL CL Arsenic 340 150 Qualifiers: acute chronic Cadmium TVS TVS Other: D.O. (mg/L) 6.0 Chromium VII TVS TVS
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation Aq Life Cold 2 DM MWAT acute chronic UP Recreation N Temperature °C CL CL Arsenic 340 150 Qualifiers: acute chronic Cadmium TVS TVS Other: D.O. (mg/L) 6.0 Chromium III TVS TVS Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation UP Aq Life Cold 2 Recreation N DM MWAT acute chronic 340 150 Qualifiers: acute chronic Cadmium TVS TVS Other: D.O. (mg/L) 6.0 Chromium III TVS TVS Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS temperature(MWAT) = current condition 10/1 - 11/30 chlorophyll a (ug/l) 1000 Copper TVS TVS
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation Aq Life Cold 2 DM MWAT acute chronic UP Recreation N Temperature °C CL CL Arsenic 340 150 Qualifiers: acute chronic Cadmium TVS TVS Other: D.O. (mg/L) 6.0 Chromium III TVS TVS Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS temperature(MWAT) = current 10/1 - 11/30 pH 6.5 - 9.0 Copper TVS TVS
7b. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L) Designation UP Aq Life Cold 2 Recreation N DM MWAT acute chronic 340 150 Qualifiers: acute chronic Cadmium TVS TVS Other: D.O. (mg/L) 6.0 Chromium III TVS TVS Temporary Modification(s): D.O. (spawning) 7.0 Chromium VI TVS TVS temperature(MWAT) = current condition temperature(MWAT) = current temperature(MWAT) = current 10/1 - 11/30 chlorophyll a (ug/L) Iron(T) Iron(T) 1000
The Content of the
To Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
The Lower Urad Reservoir COSPCL078 Classifications Physical and Biological Metals (ug/L)
To Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
Tb. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
Tb. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
Tb. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
Tb. Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
Tob. Lower Urad Reservoir COSPCL078 Classifications Physical and Biological Metals (ug/L)
To Lower Urad Reservoir COSPCL07B Classifications Physical and Biological Metals (ug/L)
The composition The compos

D.O. = dissolved oxygen

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS St. Vrain Creek Basin

COSPSV06A	Classifications	Physical and	Biological		N	letals (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)		100
Qualifiers:		D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Other:		pH	6.5 - 9.0		Chromium III	TVS	TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m²)			Chromium III(T)		100
	current condition*	E. coli (per 100 mL)		126	Chromium VI	TVS	TVS
, ,	e of 6/30/2023 12/31/2023	Inorgan	ic (mg/L)		Copper	TVS	TVS
kl la==:::-==/===+			acute	chronic	Iron(T)		1000
,	e) = See 38.5(3) for details. nic) = See 38.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
,	on = Adopted 12/12/2016	Boron		0.75	Manganese	TVS	TVS
rempiviou. ire	on - Adopted 12/12/2010	Chloride			Mercury(T)		0.01
		Chlorine	0.019	0.011	Molybdenum(T)		150
		Cyanide	0.005		Nickel	TVS	TVS
		Nitrate	100		Selenium	TVS	TVS
		Nitrite		0.5	Silver	TVS	TVS
		Phosphorus			Uranium	varies*	varies*
		Sulfate			Zinc	TVS	TVS
		Sulfide		0.002			

REGULATION #38 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Lower South Platte River Basin

	s to the South Platte River, including a Classifications	Physical and E				Metals (ug/L)	
Designation	Agriculture	-	DM	MWAT		acute	chronic
UP	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E	·	acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Beryllium(T)		4.0
Qualifiers:		pН	6.5 - 9.0		Cadmium	TVS	TVS
Other:		chlorophyll a (mg/m²)		150*	Cadmium(T)	5.0	
Temporary M	odification(s):	E. coli (per 100 mL)		126	Chromium III		TVS
Temporary Modification(s): Arsenic(chronic) = hybrid		Inorgani	c (mg/L)		Chromium III(T)	50	
•	e of 12/31/2024		acute	chronic	Chromium VI	TVS	TVS
	ecific Variance(s):	Ammonia	TVS	TVS	Copper	TVS	TVS
	h) = See Section 38.6(6) for details on or the Town of Crook.	Boron		0.75	Iron		WS
Expiration Dat	e of 12/31/2025	Chloride		250	Iron(T)		1000
	(mg/m^2) (chronic) = applies only above	Chlorine	0.019	0.011	Lead	TVS	TVS
*Phosphorus(d	ted at 38.5(4). chronic) = applies only above the	Cyanide	0.005		Lead(T)	50	
facilities listed		Nitrate	10		Manganese	TVS	TVS/WS
,	e) = See 38.5(3) for details.	Nitrite		0.5	Mercury(T)		0.01
Oranium(cnic	nic) = See 38.5(3) for details.	Phosphorus		0.17*	Molybdenum(T)		150
		Sulfate		WS	Nickel	TVS	TVS
		Sulfide		0.002	Nickel(T)		100
					Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					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) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 38 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SOUTH PLATTE RIVER BASIN, LARAMIE RIVER BASIN, REPUBLICAN RIVER BASIN, SMOKY HILL RIVER BASIN

5 CCR 1002-38

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

38.6 TABLES

(1) Introduction

The numeric standards for various parameters in this regulation and in the tables in Appendix 38-1 were assigned by the Commission after a careful analysis of the data presented on actual stream conditions and on actual and potential water uses. For each parameter listed in the tables in Appendix 38-1, only the most stringent standard is shown. Additional, less stringent standards may apply to protect additional uses and can be found in the tables in Regulation No. 31.

Numeric standards are not assigned for all parameters listed in the tables in 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 38-1:

acute (1-day) ac alternative effluent limit AEL °C degrees Celsius ch chronic (30-day) CL = cold lake temperature tier CLL cold large lake temperature tier = CS-I cold stream temperature tier one cold stream temperature tier two CS-II DM daily maximum temperature D.O. = dissolved oxygen DUWS direct use water supply = Escherichia coli E. coli mg/L milligrams per liter maximum weekly average temperature MWAT outstanding waters OW = spawning sp site-specific equation SSE Т total recoverable t = total trout tr TVS table value standard micrograms per liter μg/L

UP = use-protected

WL = warm lake temperature tier

WS = water supply

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

(6) <u>Discharger--sSpecific Variances</u>

(a) Upper South Platte River Segments 15 and 16i (COSPUS15 and COSPUS16i):

Discharger-Specific Variance, Suncor Energy (U.S.A.) Inc., Commerce City Refinery (CO0001147): Adopted 10/11/2016.

Selenium (acute) = TVS: no limit; Selenium (chronic) = 9: 24 μ g/L. Expiration date: 12/31/2023.

(b) Lower South Platte River Segment 2 (COSPLS02):

<u>Discharger-specific Variance, Town of Crook (COG589015), Adopted 6/13/2022.</u>

Ammonia (acute): Initial AEL= *, Final AEL= *;
Ammonia (chronic): Initial AEL= *, Final AEL= *.

Expiration date: 12/31/2025.

[*Because the collaborative technical analysis is ongoing and further evaluation of selected alternatives is needed, the Initial AEL and Final AEL values are in development and will be provided in the division's Prehearing Statement]

38.105 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE SEPTEMBER 30, 2022

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. Temporary Modifications

Pursuant to the requirements in the Basic Standards (at 31.7(3)), the commission reviewed the status of all temporary modifications to determine whether the temporary modifications should be modified, eliminated, or extended.

1. Temporary Modifications for Standards Other than Arsenic

The commission took no action on the temporary modifications set to expire on or before the effective date of this hearing, allowing the following temporary modifications to expire and be deleted from Appendix 38-1:

Upper South Platte: 15 (COSPUS15; temperature; expired 12/31/2021)

The commission's intent is that adequate division, commission, and stakeholder resources are available to maintain focus on work and hearings prioritized by the 10-year Water Quality Roadmap, including a rulemaking hearing to consider revisions to Regulation No. 85, Policy 17-1, and lakes nutrients criteria in November 2022. To accommodate this rulemaking hearing in November 2022, the 2022 biennial temporary modifications rulemaking hearing, which is typically held in December, was consolidated into the June 2022 rulemaking hearing. In some cases, proposals to resolve the temporary modifications could not be prepared on this accelerated timeline and additional time was needed. To allow these temporary modifications to be addressed as soon as possible, the division proposed to include these temporary modifications in the June 2023 rulemaking hearing. To facilitate this delay, temporary modifications expiring on or before June 30, 2023 needed to be extended; an expiration date of December 31, 2023 aligns with the anticipated effective date of the June 2023 rulemaking hearing. Accordingly, the commission considered the expiration dates of temporary modifications expiring on or before June 30, 2023 and extended the following temporary modifications:

The commission extended by six months the following temporary modifications:

Clear Creek: 7a (COSPCL07a; temperature; expires 12/31/2023) and 7b (COSPCL07b; temperature; expires 12/31/2023)
St. Vrain Creek: 6a (COSPSV06a; iron; expires 12/31/2023)

ot. Viaili Oleck. 6a (000) 0 vooa, iioli, expiles 12/01/2020)

For the temporary modifications set to expire after June 30, 2023, the commission reviewed progress toward resolving the uncertainty in the underlying standard and/or the extent to which conditions are a result of natural or anthropogenic conditions, and evaluated whether the temporary modifications were still justified. The commission took no action on the following temporary modifications:

Upper South Platte Segment 16g (COSPUS16g): temporary modification of the chronic temperature standard (12/1-2/29; expires 12/31/2025). Centennial Water & Sanitation District continues to make progress to resolve the uncertainty in the feasibility of treatment options for controlling temperature and in the temperature standards. The commission made no change to

the expiration date, as the original time allotment was deemed adequate to resolve the uncertainty.

2. Temporary Modifications for Arsenic

To remain consistent with the commission's decisions regarding arsenic in section 38.99, all existing temporary modifications for arsenic of "As(ch)=hybrid" (expiration date of 12/31/24) were retained.

The division submitted a plan to resolve uncertainty in the 2019 Temporary Modifications rulemaking. The division plans to propose revised standards for arsenic as soon as possible following updated toxicological information from EPA's Integrated Risk Information System (IRIS) and completion of ongoing studies to better understand arsenic conditions in Colorado. Furthermore, per the conditions of the revised and extended temporary modification at 38.6(2)(c) (effective 6/30/2020 and expires 12/31/2024), and based on the widespread need to make progress to understand sources of arsenic and set forth processes for lowering arsenic in discharges, additional permit Terms and Conditions (T&Cs) are being implemented for facilities benefitting from the "current condition" temporary modification. These T&Cs may include requirements for additional monitoring, source identification, and characterization of source control and treatment options for reducing arsenic concentrations in effluent. The commission recognizes the need to resolve the uncertainty in the arsenic standards and ensure that human health is adequately protected.

B. Discharger-specific Variances (DSVs)

The commission's provisions at Regulation 31.7(4) allow adoption of a discharger-specific variance (DSV), which is a temporary standard that represents the highest feasible degree of protection of a classified use, while temporarily authorizing alternative effluent limits (AELs) for a specific pollutant and specific point source discharge where compliance with the water quality-based effluent limits (WQBELs) is not feasible. An initial AEL ensures the protection of currently attained ambient water quality from the onset of the variance, and a final AEL represents the highest attainable condition that is feasible to achieve during the term of the variance.

Lower South Platte River Segment 2 (COSPLS02): The commission adopted a DSV for Lower South Platte River Segment 2 (COSPLS02) for ammonia that represents the highest degree of protection of the classified use that is economically feasible for the Town of Crook (COG589015). The initial AEL shall not be more restrictive than ____* and the final AEL shall not be more restrictive than ____* prior to the expiration of the DSV on 12/31/2025. The commission ensures that the discharge will not contribute to any lowering of the currently attained ambient water quality by adopting an initial AEL that, at a minimum, represents the level currently achieved, as stated by its rule at 31.7(4)(b)(i)(C).

[*Because the collaborative technical analysis is ongoing and further evaluation of selected alternatives is needed, the Initial AEL and Final AEL values are in development and will be provided in the division's Prehearing Statement]

Although the Town of Crook completed a sewer relining project in 2018, there is still significant variability in influent flows to the wastewater treatment plant that is believed to be due to groundwater inflow to the Town of Crook's collection system. In addition, the Town of Crook's wastewater treatment facility has sludge accumulation that is affecting its organics (TSS, BOD5) removal, and the lack of lining of the treatment system and a disinfection system are causing a health hazard to downstream uses. During the term of this variance, the Town of Crook will complete the rehabilitation of the wastewater collection system to minimize infiltration and inflow (I&I), reline its wastewater lagoon system, and dredge the sludge. The town will also build a disinfection unit. The planned rehabilitation actions will help reduce influent flows into the system, provide the necessary conditions for BOD5 and TSS removal, and provide the facility performance baseline data needed to identify and pilot feasible ammonia removal technologies.

The Town of Crook does not have a WQBEL for ammonia in its current permit. The permit, which is administratively continued, is expected to be renewed soon; at that time, 30-day average ammonia WQBELs are expected to be added to the permit. However, a comprehensive alternatives analysis (Exhibit XX) demonstrated that compliance with these future ammonia WQBELs would cause substantial and widespread adverse social and economic impacts in the area where the discharge is located. Treatment that would allow the Town of Crook to meet the ammonia WQBELs, such as replacing the lagoon with a mechanical plant, would result in user fees that exceed the community's ability to pay. Based on the information in Exhibit XX, the commission determined that any alternative that would result in user fees exceeding 1.3%-1.6% of median household income for the Town of Crook's residents was economically infeasible at this time. This finding of economic infeasibility is based on the Town of Crook's current population of 101 people and its current economic conditions, including a local median household income that is significantly lower than the State's average, high per capita debt burden, and a declining population.

The commission adopted a DSV with an initial AEL to protect the ambient water quality in the receiving stream and a final AEL that is based upon the expected ammonia effluent quality that will be achieved through feasible improvements to the lagoon. Because there is uncertainty in the final effluent quality that will be achieved, the Town of Crook will collect additional data to characterize the flow rates and effectiveness of the improvements, which the commission will review upon reevaluation of the DSV. The commission expects that the Town of Crook will submit annual progress reports until the end of the DSV. The requirements of the DSV will be reviewed during the June 2025 rulemaking hearing and if it remains infeasible for the Town of Crook to achieve ammonia WQBELs at the end of the variance, a subsequent DSV may be appropriate.

In addition, the acronym "AEL" was defined at 38.6(2)(a).

Exhibit 2 Bonita Peak Mining District Community Advisory Group

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS

APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables

Effective 06/30/2022

Abbreviations and Acronyms

Aquatic =

Aq °C degrees Celsius

CL = cold lake temperature tier CLL cold large lake temperature tier CS-I cold stream temperature tier one = CS-II = cold stream temperature tier two

D.O. dissolved oxygen =

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality mg/L milligrams per liter

 $mg/m^2 =$ milligrams per square meter

mĹ

MWAT = maximum weekly average temperature

OW outstanding waters

sculpin SC =

SSE site-specific equation total recoverable Т =

total t = tr trout

TVS = table value standard μg/L micrograms per liter = ÜP use-protected WS = water supply

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

WL warm lake temperature tie

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Animas and Florida River Basins

8a. Mainstem of Mineral Creek, including wetlands, from the source to a point immediately above the confluence with South Mineral Creek, except for the mainstem of Mineral Creek listed under segment 8b. All tributaries on the east side of this segment of Mineral Creek including wetlands, except for Big Horn Creek. Mainstem of the Middle Fork of Mineral Creek including all tributaries and wetlands from the source to the confluence with Mineral Creek except for Crystal Lake and its exiting tributary to confluence with Middle Fork of Mineral Creek.

Creek.

Creek.	Classifications	Physical and	Riological			Metals (ug/L)	
		Physical and	DM	MWAT			chronic
Designation JP	Agriculture Recreation E		DIVI	IVIVVAI	Araonio(T)	acute	
Qualifiers:	Trecreation E		acute	chronic	Arsenic(T) Beryllium(T)		100
		D.O. (mg/L)	acute	3.0	, , ,		100
Other:		pH	4.5-9.0	3.0	Cadmium(T)		
The concentr	ration of dissolved aluminum,	chlorophyll a (mg/m2)	4.5-9.0	150	Chromium III(T) Chromium VI(T)		100
	per, iron, lead, manganese, and zinc d toward maintaining and achieving	E. coli (per 100 mL)		126	. ,		200
water quality s	standards established for segments 4a			120	Copper(T) Iron		
and 4b. 'Uranium(acu	te) = See 34.5(3) for details.	inorgani	ic (mg/L) acute	chronic	Lead(T)		100
·	onic) = See 34.5(3) for details.	Ammonio	acute		Manganese		
Oraniani(oni		Ammonia Boron		0.75	Mercury(T)		
		Chloride		0.75	Molybdenum(T)		150
					Nickel(T)		200
		Chlorine	0.2		Selenium(T)		200
		Cyanide Nitrate	0.2		Silver		
			100		Uranium	varies*	varies*
		Nitrite	10		Zinc(T)	valles	2000
		Phosphorus Sulfate			ZITIC(1)		2000
		Sulfide					
8b. Mainstem	of Mineral Creek from a point immedia	tely below the confluence with M	ill Creek to a point	immediately	above the confluence with	Middle Fork of Minera	l Creek.
COSJAF08b	Classifications	tely below the confluence with M Physical and	Biological		1	Middle Fork of Minera	l Creek.
COSJAF08b Designation	Classifications Agriculture	1	Biological DM	MWAT			l Creek.
COSJAF08b Designation	Classifications Agriculture Recreation E	1	Biological DM CS-1	MWAT CS-1	1	Metals (ug/L) acute	
COSJAF08b Designation UP	Classifications Agriculture	1	Biological DM	MWAT	Aluminum(T)*	Metals (ug/L)	
COSJAF08b Designation UP	Classifications Agriculture Recreation E	Physical and	Biological DM CS-1	MWAT CS-1	Aluminum(T)* Arsenic	Metals (ug/L) acute	
COSJAF08b Designation UP Qualifiers:	Classifications Agriculture Recreation E	1	Biological DM CS-1	MWAT CS-1 chronic	Aluminum(T)* - Arsenic - Arsenic(T) - Beryllium - Cadmium	Metals (ug/L) acute	chronic
COSJAF08b Designation UP Qualifiers: Other:	Classifications Agriculture Recreation E Aq Life Cold 1	Physical and D.O. (mg/L)	Biological DM CS-1 acute	MWAT CS-1 chronic	Aluminum(T)* - Arsenic - Arsenic(T) - Beryllium - Cadmium - Chromium III	Metals (ug/L) acute 340	chronic 100 TVS TVS
COSJAF08b Designation JP Qualifiers: Other: 'The aluminur he implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L)	Biological DM CS-1 acute	MWAT CS-1 chronic	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T)	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS
COSJAF08b Designation JP Qualifiers: Other: 'The aluminur he implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning)	Biological DM CS-1 acute 7.0	MWAT CS-1 chronic 6.0	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T)	Metals (ug/L) acute 340 TVS TVS TVS	chronic 100 TVS TVS 400 TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH	DM CS-1 acute 7.0	MWAT CS-1 chronic 6.0	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI(T) Copper	Metals (ug/L) acute 340 TVS TVS	chronic 100 TVS TVS 100 TVS TVS
COSJAF08b Designation JP Qualifiers: Other: 'The aluminur he implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL)	DM CS-1 acute 7.0 6.5-9.0	MWAT CS-1 chronic 6.0	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI(T) Copper Iron(T)	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	thronic 100 TVS TVS 100 TVS TVS 1000
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL)	DM CS-1 acute 7.0 6.5-9.0 cc (mg/L)	MWAT CS-1 chronic 6.0 150 126	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI(T) Copper Iron(T) Lead	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS TVS TVS	100 TVS TVS 400 TVS TVS 1000 TVS
COSJAF08b Designation JP Qualifiers: Other: 'The aluminur he implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL) Inorgani	Biological DM CS-1 acute 7.0 6.5-9.0 ic (mg/L) acute	MWAT CS-1 chronic 6.0 150 126 chronic	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T) Copper Iron(T) Lead Manganese	Metals (ug/L) acute 340 TVS TVS TVS TVS TVS	thronic 100 TVS TVS 100 TVS TVS 1000 TVS TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL) Inorgani	DM CS-1 acute 7.0 6.5-9.0 cc (mg/L)	MWAT CS-1 chronic 6.0 150 126 chronic TVS	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI(T) Copper Iron(T) Lead Manganese Mercury	Metals (ug/L)	100 TVS TVS 400 TVS TVS 1000 TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL) Inorgani	Biological DM CS-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS	MWAT CS-1 chronic 6.0 150 126 chronic TVS 0.75	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T) Copper Iron(T) Lead Manganese	Metals (ug/L)	TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS 0.01(t)
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL) Inorgani Ammonia Boron	Biological DM CS-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS	MWAT CS-1 chronic 6.0 150 126 chronic TVS	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T) Copper Iron(T) Lead Manganese Mercury Molybdenum(T)	Metals (ug/L)	TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and D.O. (mg/L) D.O (spawning) pH chlorophyll a (mg/m2) E. coli (per 100 mL) Inorgani Ammonia Boron Chloride	Biological DM CS-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS 0.019	MWAT CS-1 chronic 6.0 150 126 chronic TVS 0.75 0.011	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T) Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel	Metals (ug/L)	TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150 TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and 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-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS 0.019	MWAT CS-1 chronic 6.0 150 126 chronic TVS 0.75 0.011	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T) Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium	### Acute 340	TVS 1000 TVS TVS 1000 TVS TVS 1000 TVS TVS 0.01(t) 150 TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and 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-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS 0.019 0.005	MWAT CS-1 chronic 6.0 150 126 chronic TVS 0.75 0.011	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium VI(T) Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver	### Acute 340	TVS 1000 TVS 1000 TVS 1000 TVS 1000 TVS TVS 0.01(t) 150 TVS
COSJAF08b Designation UP Qualifiers: Other: 'The aluminur the implement	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and 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-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS 0.019 0.005 100	MWAT CS-1 chronic 6.0 150 126 Chronic TVS 0.75 0.011	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI(T) Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L)	Chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 0.01(t) 150 TVS TVS TVS TVS TVS TVS TVS
COSJAF08b Designation UP Qualifiers: Other: *The aluminur	Classifications Agriculture Recreation E Aq Life Cold 1 m standard will be established when tation of EPA's aluminum criteria has	Physical and 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-1 acute 7.0 6.5-9.0 ic (mg/L) acute TVS 0.019 0.005 100 1	MWAT CS-1 chronic 6.0 150 126 Chronic TVS 0.75 0.011	Aluminum(T)* Arsenic Arsenic(T) Beryllium Cadmium Chromium III Chromium III(T) Chromium VI(T) Copper Iron(T) Lead Manganese Mercury Molybdenum(T) Nickel Selenium Silver Uranium	Metals (ug/L)	Chronic 100 TVS TVS 1000 TVS TVS 1000 TVS TVS TVS 0.01(t) 150 TVS TVS TVS TVS TVS 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) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.
- (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.

34.55 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE DECEMBER 31, 2022

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

Mine remediation of historical mine sites completed over the last twenty-five years in the upper reaches of Mineral Creek have substantially improved water quality in the drainage, and an upper section of Mineral Creek now supports aquatic life. The Commission designated a new segment for this upper section and adopted an aquatic-life use classification and new water quality standards to protect the use.

The new segment, Mineral Creek segment 8b, was carved out of Mineral Creek segment 8. The rest of Mineral Creek segment 8 was designated as Mineral Creek segment 8a for which use classifications and water quality standards remain unchanged.

The Commission adopted Table Value Standards protective of aquatic life for Mineral Creek segment 8b, including Table Value Standards for copper, lead, cadmium, and zinc which currently are not attained. No discharge permits exist within or upstream of Mineral Creek segment 8b.

It is not the Commission's intention to negatively affect sources of water for ecologically-rare iron fens alongside of Mineral Creek segment 8b. One of those sources is discharge from an abandoned mine that is not a major source of copper, lead, cadmium, and zinc to the segment. This mine has not been designated as part of Bonita Peak Mining District Superfund Site.

Exhibit 3 Homestake Mining Company

CODE OF COLORADO REGULATIONS Water Quality Control Commission

5 CCR 1002-35

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Gunnison River Basin

21. Mainstem	of Marshall Creek, including all tributar	ies and wetlands, from the source t		e with Tomic	hi Creek, except for speci	fic listings in Segment	20.
COGUUG21	Classifications	Physical and Bio	logical			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation U		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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
Uranium(chronic) = current condition*		Inorganic (mg/L)		Iron		ws
Expiration Dat	e of 12/31/2022 <u>12/31/2027</u>		acute	chronic	Iron(T)		1000
*Uranium(acut	te) = See 35.5(3) for details.	Ammonia	TVS	TVS	Lead	TVS	TVS
	ranium = Mainstem of Marshall Creek uence with Indian Creek to the	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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	
					Uranium(T)		16.8-30 ^A
					Zinc	TVS	TVS

Homestake Mining Company

Proposal

35.51 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13, 2022 RULEMAKING

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.

Upper Gunnison River 21:

The Commission adopted an extension to the current condition temporary modification for total recoverable uranium on Marshall Creek (Segment COGUUG21) from the confluence with Indian Creek to the confluence with Tomichi Creek until December 31, 2027. Homestake Mining Company (HMC) has been working diligently to resolve the uncertainty regarding the appropriate uranium standard on Segment 21; however, it was anticipated that additional time would be needed to resolve the uncertainty with the standard when the temporary modification was adopted. HMC has provided evidence that this additional time is needed, has developed a new Plan to Resolve Uncertainty (PTRU), and has shown that the temporary modification is still applicable. Current condition continues to be the appropriate standard during the time of the temporary modification as setting the standard to the current ambient water quality would not provide relief for the permittee during this timeframe.

HMC is conducting closure and reclamation activities at the Pitch Reclamation Site (Site) pursuant to Division of Reclamation and Mining Safety (DRMS) regulations. The Site, a former uranium mine that ceased operations in 1984, is the main source of uranium loading to Indian Creek (Segment COGUUG20). Marshall Creek receives the uranium load from Indian Creek, which was assigned the narrative Lowest Practical Level (LPL) standard for uranium in 2013. HMC has been evaluating methodologies to control uranium loading to Indian Creek from the Site in order to define the LPL standard within the given Site constraints including high elevation, lack of electricity, and seasonal access. Ultimately, the definition of LPL is to be based on practical, sustainable solutions which protect human health and water supply uses, with any associated methods to lower uranium concentrations on Indian Creek also expected to reduce uranium concentrations in Marshall Creek.

HMC has demonstrated continued compliance problems with the proposed uranium permit limitation of 30 μ g/L, set at the water supply standard for Segment 21. The median concentration at the outfall (SW-33) between 2001 and 2016 was 1,080 μ g/L, and more recently (2017-2021) the median concentration is 902 μ g/L. HMC has also demonstrated significant uncertainty regarding the extent to which the existing water quality is the result of natural and/or irreversible human-induced conditions as there is evidence of impact from operations in the 1950's and 1960's, prior to HMC ownership. Water quality data that pre-dates mining activity in the area is scarce, but available groundwater information, geologic information, and hydrology point to natural concentrations that are higher in Indian Creek and Marshall Creek below the confluence with Indian Creek, than in Marshall Creek above the confluence. With the ongoing

Homestake Mining Company - Proposal Regulation 35 / Temporary Modification Hearing June 13, 2022

investigations of how to define the LPL standard on Indian Creek, along with the rigid Site constraints, there remains significant uncertainty regarding the extent to which the water quality on Indian Creek and Marshall Creek is reversible. Due to the uncertainty of the level of water quality improvement in Marshall Creek, the underlying standard may not be achievable, or the Commission may find it more appropriate to implement a site-specific standard.

HMC has demonstrated progress in defining the LPL on Indian Creek and resolving the uncertainty on Marshall Creek, including completing the following actions: continued investigations into phosphorus injections into the mine pool to bind uranium; use of engineered treatment cells with various media to reduce uranium concentrations; use of ion exchange technology as a passive means to treat surface waters in select areas; evaluations of potential "hot spots" in the rock dumps; phosphorus injections into the rock dumps; construction of diversions to minimize infiltration into mineralized zones and rock dumps; evaluation of Marshall Creek hydrology; continued sampling of wells in the Town of Sargents; investigations into the potential to redrill deeper wells for Sargents residents; continued instream water quality sampling; working with the Saguache County Commissioners to restrict drilling of new alluvial wells along Marshall Creek and; working with property owners along Marshall Creek to establish Conservation Easements.

With the extension to the temporary modification, HMC has submitted a Plan to Resolve Uncertainty (PTRU), which outlines the minimum actions that HMC will take during the temporary modification. The PTRU includes: activities to determine and implement the actions that will be taken at the Site; continued work to evaluate removal of the water supply standard; continued water quality monitoring to quantify any potential improvements to water quality and; continued updates to the Division, EPA and the Commission. It is important to note that actual water supply uses have been, and continue to be, protected.

Exhibit 4 Mt. Emmons Mining Company

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
GUNNISON AND LOWER DOLORES RIVER BASINS

APPENDIX 35-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/2022

Abbreviations and Acronyms

Aquatic =

Aq °C degrees Celsius

CL = cold lake temperature tier CLL = cold large lake temperature tier CS-I cold stream temperature tier one CS-II = cold stream temperature tier two

D.O. dissolved oxygen

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality mg/L = milligrams per liter

 $mg/m^2 =$ milligrams per square meter

mĹ

MWAT = maximum weekly average temperature

OW outstanding waters

= sculpin SC

SSE = site-specific equation total recoverable Τ

= total t = tr trout

TVS table value standard μg/L = micrograms per liter ÜP = use-protected WS = water supply

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

WL warm lake temperature tier

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Gunnison River Basin

COGUUG12	Classifications		Physical and Biological			Metals (ug/L)			
Designation	Agriculture			DM	MWAT		acute	chronic	
Reviewable	Aq Life Cold 1		Temperature °C	CS-I	CS-I	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:			pН	6.5 - 9.0		Chromium III		TVS	
emporary M	odification(s):		chlorophyll a (mg/m2)		150	Chromium III(T)	50		
Arsenic(chron	` '		E. coli (per 100 mL)		126	Chromium VI	TVS	TVS	
xpiration Dat	e of 12/31/2024					Copper	TVS	TVS	
Cadmium(ac/d	ch) = 3.5/2.79*	4/1 - 6/30	Inorgani	c (mg/L)		Iron		WS	
Copper(acute) = current condition*	4/1 - 6/30		acute	chronic	Iron(T)		1000	
Zinc(chronic)	= 576*	4/1 - 6/30	Ammonia	TVS	TVS	Lead	TVS	TVS	
Expiration Dat	e of 12/31/ 2022 2027		Boron		0.75	Lead(T)	50		
Uranium(acu	te) = See 35.5(3) for detail	ls.	Chloride		250	Manganese	TVS	TVS/191	
Uranium(chro	onic) = See 35.5(3) for deta	ails.	Chlorine	0.019	0.011	Mercury(T)		0.01	
	admium(4/1 - 6/30) = Coal		Cyanide	0.005		Molybdenum(T)		150	
Adopted 6/12/2017(ac) and 6/12/2006(ch). *TempMod: Copper(4/1 – 6/30) = Coal Greek. Adopted 6/12/2017. *TempMod: Zinc(4/1 - 6/30) = Coal Creek. Adopted		Nitrate	10		Nickel	TVS	TVS		
		Nitrite		0.05	Nickel(T)		100		
/9/2001.	(.,,) Godi Groc	/ .cop.tou	Phosphorus		0.11	Selenium	TVS	TVS	
			Sulfate		WS	Silver	TVS	TVS(tr)	
			Sulfide		0.002	Uranium	varies*	varies*	
						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) 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.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

5 CCR 1002-35

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

35.51 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE DECEMBER 31, 2022

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

<u>Upper Gunnison River Segment 12 (COGUUG12)</u>: Mt. Emmons Mining Company (MEMC) provided an update to the commission on progress being made in implementing its adaptive management plan to resolve uncertainty for the seasonal temporary modifications of the acute and chronic cadmium standards, acute copper standard, and chronic zinc standard on Coal Creek in Upper Gunnison River Segment 12.

MEMC proposed to delete the acute copper temporary modification because it is no longer justified as the acute copper standard is attained instream. The commission allowed the acute temporary modification to expire effective 12/31/2022.

The commission extended the seasonal temporary modifications for acute and chronic cadmium and chronic zinc. The expiration date for the temporary modifications was set at 12/31/2027 to target resolution of the uncertainty in the June 2027 basin hearing.

The commission found that the conditions for a temporary modification continue to be met. There continues to be instream non-attainment of the standards and a predicted problem complying with water quality-based effluent limitations that would require significant investment in facility infrastructure before the uncertainty is resolved. Non-attainment of the standards and the predicted compliance problem both occur during the April—June spring runoff season. MEMC continues to make progress on resolving the uncertainty underlying the temporary modifications and determining the extent to which existing quality is the result of natural or irreversible human induced conditions. Under the temporary modifications framework, MEMC and interested stakeholders have collaborated on an adaptive approach to improving water quality. Studies completed since the 2017 Basin hearing include investigations of the mine tailings; evaluation of the tailings dam and decant line; assessment of sources and potential for loading reductions; studies of the North Interceptor Ditch; evaluation of alternatives including diversion opportunities; and water quality data collection and analysis. In addition, MEMC, in collaboration with other stakeholders, have planned and completed actions to improve water quality including reclamation of waste rock piles; ditch, road, and slope improvements; stormwater conveyance improvements and regrading of tailings covers; and diversion of runoff away from fault zones. These efforts, when fully

implemented, are expected to result in measurable improvements in water quality; however, more data and information is needed to quantify the resulting concentrations.

Although significant progress has been made in resolving uncertainty, and although the completed and scheduled tasks are anticipated to result in improved water quality in the stream, there remains significant uncertainty about the attainable water quality and attainable underlying standards. The expected water quality outcome of the recent actions at the Keystone Mine, the outcome of ongoing remediation and diversion efforts, and future actions at the Keystone Mine are driving uncertainty as to the attainable water quality in Coal Creek. Additionally, although EPA has completed phase 1 source controls and begun an operation and maintenance program for the installed components at the Standard Mine Superfund Site, there remains uncertainty about the expected water quality in upstream Segment 11 and thus in Segment 12. More time is needed to allow MEMC and the stakeholders to continue remediation efforts, and other improvements at the site, and to evaluate the long-term effects on water quality from these actions.

Based on this information, the commission extended the seasonal temporary modifications for acute and chronic cadmium, and chronic zinc. The temporary modifications apply only for the months with concurrent instream non-attainment and predicted WQBEL non-compliance (April, May, and June), and expire on December 31, 2027. The operative values of the temporary modification were not changed; they are:

Cadmium (acute/chronic) = 3.5 / 2.79 µg/L

Zinc (chronic) = $576 \mu g/L$

The commission will review these temporary modifications during its biennial temporary modifications review hearings, as well as the 2027 Basin hearing.

Exhibit 5 Southwest Colorado Outstanding Waters Coalition

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-34

REGULATION NO. 34
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
SAN JUAN RIVER AND DOLORES RIVER BASINS

APPENDIX 34-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/2022

Abbreviations and Acronyms

Aquatic =

Aq °C = degrees Celsius

CL = cold lake temperature tier CLL = cold large lake temperature tier CS-I cold stream temperature tier one CS-II = cold stream temperature tier two

D.O. dissolved oxygen

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality = milligrams per liter mg/L

 $mg/m^2 =$ milligrams per square meter

mĹ

MWAT = maximum weekly average temperature

OW outstanding waters

= sculpin SC

SSE = site-specific equation = total recoverable Т

= total t = tr trout

TVS table value standard μg/L = micrograms per liter ÜP = use-protected WS = water supply

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

WL warm lake temperature tier

4. All tributaries to the San Juan River, Rio Blanco, and Navajo River including all wetlands which are within the Weminuche Wilderness area and South San Juan Wilderness Area.

Mainstem of Fall Creek, including tributaries and wetlands, from its source to the irrigation diversion just upstream from the confluence with Wolf Creek. Mainstem of Wolf Creek, including tributaries and wetlands, from the boundary of the Weminuche Wilderness area to the confluence with Fall Creek. Mainstem of Quartz Creek, including tributaries and wetlands, from the boundary of the South San Juan Wilderness area to the boundary of the San Juan National Forest.

COSJSJ04	Classifications	Physical and Bi	ological			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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	* *	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
`	e of 12/31/2024				Copper	TVS	TVS
*! !		Inorganic	(mg/L)		Iron		WS
,	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cmc	offic) = 3ee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

5. The East and West Forks of the San Juan River, including all tributaries, from the boundary of the Weminuche Wilderness Area (West Fork) and the source (East Fork) to the confluence of the mainstem of the San Juan Rive, except for the listings in Segment 4. All tributaries to the San Juan River from a point below the confluence with the West Fork to a point below the confluence with Fourmile Creek.

COSJSJ05	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	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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150*	Chromium III(T)	50	
Arsenic(chron	` '	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
*chlorophyll a	(mg/m2)(chronic) = applies only above	Inorgani	c (mg/L)		Iron		WS
the facilities lis	sted at 34.5(5).		acute	chronic	Iron(T)		1000
*Phosphorus(offacilities listed	chronic) = applies only above the at 34.5(5).	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(acu	te) = See 34.5(3) for details.	Boron		0.75	Lead(T)	50	
*Uranium(chro	onic) = See 34.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly

MWAT = maximum weekly average temperature See 34.6 for further details on applied standards.

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Animas and Florida River Basins

1. All tributaries to the Animas River and Florida River, including all wetlands, which are within the Weminuche Wilderness Area. Mainstem Grasshopper Creek including tributaries and COSJAF01 Classifications Physical and Biological Metals (ug/L) Designation Agriculture DM **MWAT** acute chronic OW Aq Life Cold 1 Temperature °C CS-I CS-I Arsenic 340 Recreation E acute chronic 0.02 Arsenic(T) Water Supply D.O. (mg/L) 6.0 Cadmium **TVS** TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 рΗ 6.5 - 9.0Chromium III TVS Other: chlorophyll a (mg/m2) 150 Chromium III(T) 50 *Uranium(acute) = See 34.5(3) for details. E. Coli (per 100 mL) 126 Chromium VI **TVS TVS** *Uranium(chronic) = See 34.5(3) for details. **TVS** TVS Copper WS Iron Inorganic (mg/L) Iron(T) 1000 acute chronic Ammonia TVS **TVS** Lead **TVS TVS** Boron 0.75 Lead(T) 50 TVS/WS Manganese **TVS** Chloride 250 0.01 Chlorine 0.019 0.011 Mercury(T) Molybdenum(T) 150 Cyanide 0.005 **TVS** TVS Nitrate 10 Nickel(T) 100 Nitrite 0.05 Selenium **TVS TVS** Phosphorus 0.11 Sulfate WS Silver **TVS** TVS(tr) Sulfide 0.002 Uranium varies* varies* 7inc TVS TVS

6. Mainstem of the Animas River from the source to the outlet of Denver Lake. Mainstem, including all tributaries and wetlands of Cinnamon Creek, Grouse Gulch, Picayne Gulch, and Minnie Gulch. All tributaries and wetlands to the Animas River from immediately above Maggie Gulch to a point immediately above Elk Creek except for those listed under segments 3c, 7, 8 and 9, and 12c. South Mineral Creek and all other tributaries and wetlands to Mineral Creek, except for those specifically listed in segments 8, and 9, and 12c.

COSJAF06	Classifications	Physical and	Biological		ı	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:		рН	6.5 - 9.0		Chromium III		TVS
Temporary M	Modification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	nic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Da	te of 12/31/2024				Copper	TVS	TVS
*! !===:	ite) = See 34.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS
,	onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oraniani(oniv	orno) - 000 04.0(0) 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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable
t = total
tr=trout

sc=sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 34.6 for further details on applied standards.

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Animas and Florida River Basins

12a. All tributaries to the Animas River from a point immediately above the confluence with Elk Creek to a point immediately below the confluence with Hermosa Creek except for specific listings in Segments 1, 12b, 12c and 15. All tributaries to the Florida River from the source to below the confluence with Mud Spring Creek, except the specific listing in Segment 1.

COSJAF12A	Classifications	Physical and Biological		M	etals (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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary Me	odification(s):	chlorophyll a (mg/m2)		150*	Chromium III(T)	50	
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
*chlorophyll a	(mg/m2)(chronic) = applies only	Inorganic (m	g/L)		Iron		WS
above the facil	lities listed at 34.5(5).		acute	chronic	Iron(T)		1000
*Phosphorus(o facilities listed	chronic) = applies only above the at 34.5(5).	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(acut	te) = See 34.5(3) for details.	Boron		0.75	Lead(T)	50	
*Uranium(chro	onic) = See 34.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

12c. Hermosa Creek, including all tributaries, from the source to immediately below the confluence with Long Hollow, except for the East Fork of Hermosa Creek. Mainstem of Bear Creek, including tributaries and wetlands, from its source to the confluence with Mineral Creek. Mainstem of Boulder Creek, including tributaries and wetlands, from its source to the downstream public land boundary. Mainstem Cascade Creek including tributaries and wetlands from source to Tacoma diversion.

COSJAF12C	Classifications	Physical and	Biological			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:		pН	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m2)		150	Chromium III(T)	50	
,	te) = See 34.5(3) for details.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
*Uranium(chro	onic) = See 34.5(3) for details.				Copper	TVS	TVS
		Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

sc=sculpin

DM = daily maximum MWAT = maximum weekly average temperature See 34.6 for further details on applied standards.

D.O. = dissolved oxygen

REGULATION #34 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Animas and Florida River Basins

5b. Mainstem of Rio Lado from the source to the confluence with the Dolores River. Mainstem of Spring Creek from the source to the confluence with Stoner Creek. Mainstem of Little Taylor Creek from the source to the confluence with Taylor Creek. Those portions of Bear Creek, Priest Creek, Wildcat Creek, and Stoner Creek, including tributaries and wetlands, from their sources to their downstream San Juan National Forest boundary. Mainstem of the Dolores River, including tributaries and wetlands, from the source to a point immediately below the confluence with Snow Spur Creek, except for the listings in Segment 1.

COSJDO05B	Classifications	Physical and E	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
OW	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary Mo	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chroni	()	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	e of 12/31/2024				Copper	TVS	TVS
*	a) = Caa 34 E/3) for dataila	Inorgani	c (mg/L)		Iron		WS
,	e) = See 34.5(3) for details. nic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cmo	Tile) - Gee 34.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

2. Mainstem of the Dolores River from the source to from a point immediately below the confluence with Snow Spur Creek to a point immediately above the confluence with Horse Creek.

COSJDO02	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:		рН	6.5 - 9.0		Chromium III		TVS	
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50		
Arsenic(chron	· /	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS	
•	te of 12/31/2024				Copper	TVS	TVS	
*! !ramima/aa	to) - Coo 24 E/2) for details	Inorgan	ic (mg/L)		Iron		WS	
•	te) = See 34.5(3) for details. onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000	
Oranium(cine	offic) - dee 04.5(5) 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		0.11	Selenium	TVS	TVS	
		Sulfate		WS	Silver	TVS	TVS(tr)	
		Sulfide		0.002	Uranium	varies*	varies*	
					Zinc	TVS	TVS(sc)	

All metals are dissolved unless otherwise noted. T = total recoverable

t = total tr=trout sc=sculpin D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 34.6 for further details on applied standards.

10a. Mainstern	of the West Dolores River from the	Lizard Head Wilderness Area bour	ndary to above the c	onfluence wit	th Fish Creek <u>, except fo</u>	r the listings in Segment	<u>1</u> -
COSJDO10A	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:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m2)		150	Chromium III(T)	50	
,	chronic) = WS, TVS and 50 ug/L	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
,	re) = See 34.5(3) for details.				Copper	TVS	TVS
*Uranium(chro	onic) = See 34.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride		250	Manganese	TVS	varies*
		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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

1. All tributaries and wetlands to the Dolores River and West Dolores River, including all wetlands, tributaries, which are within the Lizard Head Wilderness area. Mainstem of the West Fork of the Dolores River, including wetlands, from Lizard Head Wilderness boundary to the bridge at County Road 38. Mainstems of Coal Creek and Slate Creek, including tributaries and wetlands, from the boundary of the Lizard Head Wilderness Area to their confluences with the Dolores River.

COSJDO01	Classifications	Physical and	Biological		N	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	lodification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	te of 12/31/2024				Copper	TVS	TVS
*I Ironium/oou	te) = See 34.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS
,	onic) = See 34.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cm)	offic) - Gee 04.5(5) 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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS(sc)

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr=trout

sc=sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 34.6 for further details on applied standards.

OSJDO07	Classifications	Physical and	Physical and Biological			Metals (ug/L)			
esignation	Agriculture		DM	MWAT		acute	chronic		
eviewable	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		
ualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0			
her:		pH	6.5 - 9.0		Chromium III	_	TVS		
		chlorophyll a (mg/m2)		150	Chromium III(T)	50			
•	te) = See 34.5(3) for details.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS		
ranium(chro	onic) = See 34.5(3) for details.				Copper	TVS	TVS		
		Inorgan	Inorganic (mg/L)			_	₩S		
			acute	chronic	Iron(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)	_	15 0		
		Nitrate	10		Nickel	TVS	TVS		
		Nitrite	<u>_</u> -	0.05	Nickel(T)	_	100		
		Phosphorus		0.11	Selenium	TVS	TVS		
		Sulfate	—·	WS	Silver	TVS	TVS(tr)		
		Sulfide		0.002	Uranium	varies*	varies*		
					Zinc	TVS	TVS(sc)		

COSJDO06	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	
ualifiers:		D.O. (spawning)		7.0	Cadmium(T)	5.0		
Other:		рН	6.5 - 9.0		Chromium III		TVS	
		chlorophyll a (mg/m2)		150	Chromium III(T)	50		
•	te) = See 34.5(3) for details.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS	
Uranium(chro	onic) = See 34.5(3) for details.				Copper	TVS	TVS	
		Inorgan	ic (mg/L)		Iron		WS	
			acute	chronic	Iron(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		0.11	Selenium	TVS	TVS	
		Sulfate		WS	Silver	TVS	TVS(tr)	
		Sulfide		0.002	Uranium	varies*	varies*	
					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) Assessment of adequate refuge shall rely on the Cold Large Lake table value temperature criterion and applicable dissolved oxygen standard rather than the site-specific temperature standard.
- (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.

TABLE 1

ANIMAS RIVER BASIN AQUATIC LIFE INDICATOR GOAL: BROOK TROUT

Segment 3a Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Zn	720	780	1060	1200	760	410	280	340	380	440	510	590

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Mn	TVS	TVS	2571	2179	TVS	TVS	TVS	TVS	TVS	TVS	TVS	TVS
Zn	720	780	1060	1200	760	410	280	340	380	440	510	590

Segment 4a

Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Al(Trec)	3100	3550	2800	2020	1010	740	700	1360	1490	1610	2280	2570
Zn	460	520	620	570	430	250	170	240	290	340	380	420

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
рН	5.9-9.0	5.7-9.0	6.2-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	5.9-9.0
Al(Trec)	3100	3550	2800	2020	1010	740	700	1360	1490	1610	2280	2570
Fe	3473	2961	3776	3404	2015	1220	1286	1830	1623	2258	2631	3511
Zn	460	520	620	570	430	250	170	240	290	340	380	420

Segment 9

Acute Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
Al(Trec)	4680	4950	4560	3800	1390	1350	1290	2040	2570	2680	3450	4050

Chronic Standards

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
рН	4.9-9.0	4.8-9.0	4.9-9.0	5.9-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.5-9.0	6.2-9.0	5.4-9.0
Al(Trec)	4680	4950	4560	3800	1390	1350	1290	2040	2570	2680	3450	4050
Cu	TVS	TVS	TVS	18	20	TVS						
Fe	3420	3800	4370	3370	3150	2210	2275	2280	3020	3580	3620	3490
Zn	TVS	TVS	TVS	TVS	230	TVS						

Statement of Basis and Purpose for Regulation 34 June 13-14, 2022 Rulemaking

Submitted by American Rivers, American Whitewater, Colorado Trout Unlimited, Conservation Colorado, Dolores River Anglers (Chapter 145 Trout Unlimited), High Country Conservation Advocates, The Pew Charitable Trusts, San Juan Citizens Alliance, Trout Unlimited and Western Resources Advocates

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 34 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR SAN JUAN RIVER AND DOLORES RIVER BASINS

5 CCR 1002-34

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

34.54 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14, 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE DECEMBER 31, 2022

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.

Statement of Basis and Purpose

A. Waterbody Segmentation

Some renumbering and/or creation of new segments in the basin was made due to information which showed that new water quality data indicated that streams should be resegmented based on changes in their water quality; and/or certain segments could be grouped together in one segment because they had similar quality and uses. The following changes were made:

Animas and Florida River Basins

<u>Bear Creek, Boulder Creek, Cascade Creek.</u> Bear Creek and Boulder Creek were removed from segment 6 and placed in segment 12c. The upper portion of Cascade Creek was removed from segment 12a and placed in segment 12c. This segmentation combines reaches with similar use classification, standards, and Outstanding Waters (OW) designation. Segment 12c is now defined as:

12c. Hermosa Creek, including all tributaries, from the source to immediately below the confluence with Long Hollow, except for the East Fork of Hermosa Creek. Mainstem of Bear Creek, including tributaries and wetlands, from its source to the confluence with Mineral Creek. Mainstem of Boulder Creek, including tributaries and wetlands, from its source to the downstream public land boundary. Mainstem Cascade Creek including tributaries and wetlands from source to Tacoma diversion.

To maintain consistency with segmentation changes, segment 12c was excluded from segment 6.

<u>Grasshopper Creek and Lime Creek.</u> Grasshopper Creek and Lime Creek were removed from segment 12a and placed in segment 1. This segmentation combines reaches with similar use classification, standards, and OW designation. Segment 1 is now defined as:

1. All tributaries to the Animas River and Florida River, including all wetlands, which are within the Weminuche Wilderness Area. Mainstem Grasshopper Creek including tributaries and wetlands from source to confluence with Animas River. Mainstem Lime Creek including tributaries and wetlands from source to confluence with Cascade Creek.

To maintain consistency with segmentation changes, segment 1 was excluded from segment 12a.

Dolores River Basin

Bear Creek, Priest Creek, Wildcat Creek, Stoner Creek, Mainstem Dolores River and wetlands and tributaries from source to below confluence with Snow Spur Creek. Those portions of Bear Creek, Priest Creek, Stoner Creek, and Wildcat Creek that lie within the boundaries of the San Juan National Forest were moved from segment 5a to 5b. The Dolores River from its source to below the confluence with Snow Spur Creek, was moved from segment 2 to Segment 5b. All wetlands and tributaries to the mainstem of the Dolores from its source to below the confluence with Snow Spur Creek were moved from segment 5a to 5b. Segment 5b is now defined as:

5b. the mainstem of Rio Lado from the source to the confluence with the Dolores River. Mainstem of Little Taylor Creek from the source to the confluence with Taylor Creek. Mainstems of Bear Creek, Priest Creek, Wildcat Creek and Stoner Creek, including tributaries and wetlands, from their sources within the San Juan National Forest to the National Forest Boundary. Mainstem of the Dolores River, including tributaries and wetlands, from the source to a point immediately below the confluence with Snow Spur Creek, except for the listings in Segment 1.

This segmentation combines reaches with similar use classification, standards, and OW designation.

To maintain consistency with segmentation changes, segment 2 is now defined as:

2. Mainstem of the Dolores River from a point immediately below the confluence with Snow Spur Creek to a point immediately above the confluence with Horse Creek.

<u>Coal Creek, Slate Creek, and West Fork Dolores River.</u> Coal Creek was removed from segment 7 and placed in segment 1. Slate Creek was removed from segment 6 and placed in segment 1. The upper portion of the mainstem of the West Fork Dolores River was removed from segment 10a and placed in segment 1. This segmentation combines reaches with similar use classification, standards, and OW designation. Segment 1 is now defined as:

1. All tributaries and wetlands to the Dolores River and West Dolores River which are within the Lizard Head Wilderness area. Mainstem of the West Fork of the Dolores River, including wetlands, from Lizard Head Wilderness boundary to the bridge at County Road 38. Mainstems of Coal Creek and Slate Creek, including tributaries and wetlands, from the boundary of the Lizard Head Wilderness Area to their confluences with the Dolores River.

To maintain consistency with segmentation changes, segment 1 was excluded from segment 10a; segment 7 was deleted; and segment 6 is now defined as:

6. Mainstem of Coke Oven Creek, from the Lizard Head Wilderness Area boundary to its confluence with the Dolores River.

San Juan River Basin

<u>Fall Creek, Wolf Creek, and Quartz Creek.</u> Fall Creek, Wolf Creek, and Quartz Creek were removed from segment 5 and placed in segment 4. This segmentation combines reaches with similar use classification, standards, and OW designation. Segment 4 is now defined as:

4. All tributaries to the San Juan River, Rio Blanco, and Navajo River including all wetlands which are within the Weminuche Wilderness area and South San Juan Wilderness Area. Mainstem of Fall Creek, including tributaries and wetlands, from its source to the irrigation diversion just upstream from the confluence with Wolf Creek. Mainstem of Wolf Creek, including tributaries and wetlands, from the boundary of the Weminuche Wilderness area to the confluence with Fall Creek. Mainstem of Quartz Creek, including tributaries and wetlands, from the boundary of the South San Juan Wilderness area to the boundary of the San Juan National Forest.

To maintain consistency with segmentation changes, segment 4 was excluded from segment 5.

B. Changes to Antidegradation Designation

The Commission reviewed changes to segments AF12C, AF01, DO05b, DO01 and SJ04 to determine if the Outstanding Waters (OW) designation is warranted. Based on evidence that shows the water quality meets the requirements of section 31.8(2)(a), and on the presence of unique conservation values possessed by these stream segments, the OW designation was added to

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

Outstanding Waters Designation

The Southwest Colorado Outstanding Waters Coalition (or the Coalition) proposed the classification of OW for numerous segments in the Gunnison and San Juan Basins in order to protect water quality to the highest level possible under state regulations, to support fish, wildlife and vegetation habitat mitigation, and to preserve outstanding stream segments that provide climate refugia.

The Commission added the OW designation to the following segments based on the following evidence:

Animas River Basin

<u>Boulder Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a) and the presence of outstandingly remarkable ecological values for aquatic habitat and drinking water supply, OW designation was warranted and Boulder Creek was added to segment 12c.

<u>Bear Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a) and the presence of outstandingly remarkable ecological values for aquatic habitat and drinking water supply, OW designation was warranted and Bear Creek was added to segment 12c.

<u>Upper Cascade Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a), on the presence of outstandingly remarkable values for aquatic habitat, recreational paddling, and swimming, and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, OW designation was warranted and Upper Cascade Creek was added to segment 12c.

<u>Lime Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a), on the presence of outstandingly remarkable values for aquatic habitat, recreational paddling and swimming, and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities OW designation was warranted and Lime Creek was added to segment 1.

<u>Grasshopper Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a), on the presence of outstandingly remarkable ecological values for aquatic habitat, including for sensitive trout species, and on the existence of an essentially undisturbed montane watershed environment with wilderness values, OW designation was warranted and Grasshopper Creek was added to segment 1.

San Juan River Basin

<u>Fall Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a) and the presence of outstandingly remarkable ecological values for aquatic habitat, including habitat for San Juan cutthroat trout, and wilderness values, OW designation was warranted and Fall Creek was added to segment 4.

<u>Wolf Creek.</u> Based on ample evidence that water quality meets the requirements of 31.8(2)(a) and the presence of outstandingly remarkable ecological values for aquatic habitat, including habitat for San Juan

cutthroat trout, and wilderness values, OW designation was warranted and Wolf Creek was added to segment 4.

Quartz Creek. Based on ample evidence that water quality meets the requirements of 31.8(2)(a) and the presence of outstandingly remarkable ecological values for aquatic habitat, including habitat for sensitive cutthroat trout species, and wilderness values, OW designation was warranted and Quartz Creek was added to segment 4.

Upper Dolores River Basin

<u>Bear Creek</u>. Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of Bear Creek that lies within the boundaries of the San Juan National Forest was added to segment 5b and designated as OW.

<u>Coal Creek</u>. Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of Coal Creek from the boundary with Lizard Head wilderness Area to its confluence with the Dolores River was added to segment 1 and designated as OW.

<u>Dolores River above Snow Spur Creek.</u> Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of the mainstem Dolores immediately below the confluence with Snow Spur Creek up to its source was added to segment 5b and designated as OW.

<u>Priest Gulch Creek.</u> Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of Priest Gulch Creek that lies within the boundaries of the San Juan National Forest was added to segment 5b and designated as OW.

Slate Creek. Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of Slate Creek between the boundary with Lizard Head Wilderness Area and its confluence with the Dolores River was added to segment 1 and designated as OW.

<u>Snow Spur Creek</u>. Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, Snow Spur Creek was added to segment 5b and designated as OW.

Stoner Creek. Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of Stoner Creek that lies within the boundaries of the San Juan National Forest was added to segment 5b and designated as OW.

<u>West Fork Dolores River</u>. Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of the West Fork from the Lizard Head Wilderness Area boundary downstream to the bridge at County road 38 was added to segment 1 and designated as OW.

<u>Wildcat Creek.</u> Based on ample evidence that water quality meets the requirements of section 31.8(2)(a), on the presence of increasingly-critically-challenged, conservation-quality, native Colorado River Cutthroat populations and habitat throughout the stream segment; on the existence of an essentially undisturbed montane watershed environment; and on the availability of pristine backcountry recreational fishing, hunting, camping, and hiking opportunities, that portion of Wildcat Creek that lies within the boundaries of the San Juan National Forest was added to segment 5b and designated as OW.

Data demonstrating that the above segments meet or exceed the water quality standards set by the Commission for OWs are contained in Appendix 1 of the Southwest Colorado Outstanding Waters Coalition Prehearing Statement (March 2022).

The Commission has determined that the evidence demonstrates that the three criteria for an OW designation set forth in section 31.8(2)(a) are met for this proposal. The Commission also notes that the outreach undertaken by the Southwest Outstanding Waters Coalition as the proponent of these designations helps to demonstrate broad support for the conclusion that these waters constitute an outstanding natural resource and that the additional protection provided by this designation is appropriate.

The Commission understands that there are existing land uses, including grazing permits, in place in many of these watersheds. The evidence demonstrates that these existing land uses are compatible with the OW designation, since the current high level of water quality has been attained with these uses in place. It is the Commission's intent that these OW designations should not be the basis upon which federal, state or local agencies place more onerous or costly conditions upon permits or approvals existing at the time of the designation, or upon any renewals thereof.

Further, acknowledging that the adoption of the OW designation for identified segments is a discretionary undertaking by the Commission, with such designations not being subject to federal approval or disapproval, the Commission may, in the future, remove the OW designation from any such segment in accordance with the state substantive and procedural rules then in effect.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL COMMISSION

5 CCR 1002-35

REGULATION NO. 35
CLASSIFICATIONS AND NUMERIC STANDARDS
FOR
GUNNISON AND LOWER DOLORES RIVER BASINS

APPENDIX 35-1
Stream Classifications and Water Quality Standards Tables

Effective 12/31/2022

Abbreviations and Acronyms

Aquatic =

Aq °C = degrees Celsius

CL = cold lake temperature tier CLL = cold large lake temperature tier CS-I cold stream temperature tier one CS-II = cold stream temperature tier two

D.O. dissolved oxygen

DM daily maximum temperature DUWS = direct use water supply

E. coli = Escherichia coli EQ existing quality = milligrams per liter mg/L

 $mg/m^2 =$ milligrams per square meter

mĹ

MWAT = maximum weekly average temperature

OW outstanding waters

= sculpin SC

SSE = site-specific equation = total recoverable Т

= total t = tr trout

TVS table value standard μg/L = micrograms per liter ÜP = use-protected WS = water supply

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

WL warm lake temperature tie

REGULATION #35 STREAM CLASSIFICATIONS and WATER QUALITY STANDARDS Upper Gunnison River Basin

3. Deleted. Ma	ainstem of the Taylor River, including ainstem of Soap Creek, including all t	all tributaries and wetlands, from the W	e source to a point	immediately	below the confluence with	n Illinois Creek, except	for listings in	
	Classifications	Physical and E		,	Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
<u>OW</u>	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:		pH	6.5 - 9.0		Chromium III		TVS	
		chlorophyll a (mg/m2)		150	Chromium III(T)	50		
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS	
					Copper	TVS	TVS	
*! !!//-	i-) - 0 05 5(0) f d-4-il-	Inorganio	c (mg/L)		Iron		WS	
,	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000	
Oranium(cinc	initio) – dee 33.3(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		0.11	Selenium	TVS	TVS	
		Sulfate		WS	Silver	TVS	TVS(tr)	
		Sulfide		0.002	Uranium	varies*	varies*	
					Zinc	TVS	TVS	

4. Mainstem of the Taylor River, including all tributaries and wetlands, from a point immediately below the confluence with Illinois Creek the source to the confluence with the Gunnison River, except for specific listings in Segment 1. COGUUG04 Classifications **Physical and Biological** Metals (ug/L) Designation Agriculture DΜ **MWAT** acute chronic Reviewable Aq Life Cold 1 340 Temperature °C CS-I CS-I Arsenic Recreation E acute chronic 0.02 Arsenic(T) Water Supply 6.0 TVS D.O. (mg/L) Cadmium TVS Qualifiers: D.O. (spawning) 7.0 Cadmium(T) 5.0 --рΗ 6.5 - 9.0Chromium III TVS Other: chlorophyll a (mg/m2) 150 Chromium III(T) 50 Temporary Modification(s): 126 E. Coli (per 100 mL) Chromium VI **TVS TVS** Arsenic(chronic) = hybrid Copper **TVS TVS** Expiration Date of 12/31/2024 Inorganic (mg/L) Iron WS *Uranium(acute) = See 35.5(3) for details. Iron(T) 1000 acute chronic *Uranium(chronic) = See 35.5(3) for details. Lead **TVS** TVS TVS TVS Ammonia Boron Lead(T) 50 0.75 Manganese **TVS** TVS/WS Chloride 250 0.01 Chlorine 0.019 0.011 Mercury(T) Molybdenum(T) 150 Cyanide 0.005 Nickel **TVS TVS** Nitrate 10 Nitrite 0.05 Nickel(T) 100 Selenium TVS TVS Phosphorus 0.11 TVS(tr) Silver TVS Sulfate WS Uranium varies* varies* Sulfide 0.002 TVS TVS Zinc

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen
DM = daily maximum
MWAT = maximum weekly average temperature
See 35.6 for further details on applied standards.

COGUUG26	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	Arsenic	340	
	Recreation U		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:		pН	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150*	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
chlorophyll a	(mg/m2)(chronic) = applies only above	Inorgani	ic (mg/L)		Iron		WS
the facilities lis	sted at 35.5(4).		acute	chronic	Iron(T)		1000
°Phosphorus(facilities listed	chronic) = applies only above the at 35.5(4).	Ammonia	TVS	TVS	Lead	TVS	TVS
*Uranium(acu	te) = See 35.5(3) for details.	Boron		0.75	Lead(T)	50	
*Uranium(chro	onic) = See 35.5(3) for details.	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		0.11*	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

sc = sculpin

		all wetlands, which are within nation Gunnison River sub-basin, Uncomp					he Colorado
COGULG03	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Cold 1	Temperature °C	CS-I	CS-I	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chroni	· /	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
*I Ironium/oout	te) = See 35.5(3) for details.	Inorgan	ic (mg/L)		Iron		WS
,	onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(onic	offic) = dee 30.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

	of Big Dominguez Creek, Little Don	ninguez Creek, Escalante Creek, Pot	tter Creek, and Rou	bideau Cree	k, including all tributaries ar	nd wetlands, within the	e boundaries of
COGULG03	Classifications	Physical and	Biological		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
<u>OW</u>	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:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m2)		150	Chromium III(T)	50	
		E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
					Copper	TVS	TVS
*! !===:/=	t-) = 0 05 5(0) f	Inorgani	c (mg/L)		Iron		WS
1	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(Cint	offic) - See SS.S(S) 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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable t = total tr = trout

sc = sculpin

D.O. = dissolved oxygen

4a. All tributaries to the Gunnison River, including all wetlands which are not within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork of the Gunnison River sub-basin, the Uncompangre River sub-basin, and in Segments 3a. 3b, 4b, 4c, 5a, 5b, 6a, 6b, 6c, 7, 8a, 8b, 10 and 12.

COGULG04A	Classifications	Physical and Biolog	gical		Metals (ug/L)			
Designation	Agriculture		DM	MWAT		acute	chronic	
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340		
	Recreation P		acute	chronic	Arsenic(T)		0.02-10 ^A	
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS	
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0		
Other:		chlorophyll a (mg/m2)		150*	Chromium III		TVS	
	, , <u>a</u> ,,	E. Coli (per 100 mL)		205	Chromium III(T)	50		
*chlorophyll a (the facilities lis	(mg/m2)(chronic) = applies only above ted at 35.5(4).	Inorganic (mg	ı/L)		Chromium VI	TVS	TVS	
*Phosphorus(c	chronic) = applies only above the		acute	chronic	Copper	TVS	TVS	
	e) = See 35.5(3) for details.	Ammonia	TVS	TVS	Iron		WS	
*Uranium(chro	nic) = See 35.5(3) for details.	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	
		Nitrite		0.5	Molybdenum(T)		150	
		Phosphorus		0.17*	Nickel	TVS	TVS	
		Sulfate		WS	Nickel(T)		100	
		Sulfide		0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS	
					Uranium	varies*	varies*	
					Zinc	TVS	TVS	

5b. Mainstem of Roubideau Creek from the national forest boundary to the confluence with Potter Creek; mM ainstem of Monitor Creek from the national forest boundary to the confluence with Potter Creek, Potter Creek from Monitor Creek to the confluence with Roubideau Creek

COGULG05B	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m2)		150	Chromium III		TVS
		E. Coli (per 100 mL)		126	Chromium III(T)	50	
*Uranium(chro	onic) = See 35.5(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
		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
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	TVS	varies*
					Uranium(T)		16.8-30 ^A
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total

tr = trout

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for further details on applied standards.

5c. Mainstem of Monitor Creek	of Roubideau Creek from the nation to the confluence with Roubideau	al forest boundary to a point immedi	ately above the con	fluence with	Potter Creek; mainstem of	Potter Creek from im	mediately below
	Classifications	Physical and	Biological		ı	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
<u>OW</u>	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m2)		150	Chromium III		TVS
		E. Coli (per 100 mL)		126	Chromium III(T)	50	
*Uranium(chro	nic) = See 35.5(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	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	TVS	varies*
					Uranium(T)		16.8-30 ^A
					Zinc	TVS	TVS

6a. Mainstem of Escalante Creek from the national forest boundary to the Delta/Montrose County line (38.668215, -108.328144); mainstem of Little Dominguez from the national forest boundary to Big Dominguez Creek; mainstem of Big Dominguez from the national forest boundary to the Gunnison River.

COGULG06A	Classifications	Physical and B	iological		N	letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable <u>OW</u>	Aq Life Cold 1	Temperature °C	CS-II	CS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		7.6
Qualifiers:		D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Other:		D.O. (spawning)		7.0	Chromium III	TVS	TVS
		pH	6.5 - 9.0		Chromium III(T)		100
chlorophyll a (r he facilities list	mg/m2)(chronic) = applies only above ed at 35.5(4).	chlorophyll a (mg/m2)		150*	Chromium VI	TVS	TVS
Phosphorus(ch	nronic) = applies only above the	E. Coli (per 100 mL)		126	Copper	TVS	TVS
acilities listed a Uranium(chror	it 35.5(4). iic) = See 35.5(3) for details.				Iron(T)		1000
	,	Inorganic (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	TVS	varies*
		Nitrite		0.05	Uranium(T)		16.8-30 ^A
		Phosphorus		0.11*	Zinc	TVS	TVS
		Sulfate					
		Sulfide		0.002			

4a. All tributaries to the Gunnison River, including all wetlands which are not within national forest boundaries, from the outlet of Crystal Reservoir to the confluence with the Colorado River, except for specific listings in the North Fork of the Gunnison River sub-basin, the Uncompander River sub-basin, and in Segments 3a. 3b, 4b, 4c, 5a, 5b, 5c. 5d. 6a, 6b, 6c, 7, 8a, 8b, 10 and 12.

COGULG04A	Classifications	Physical and Biolog	jical		Met	tals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
UP	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation P		acute	chronic	Arsenic(T)		0.02-10 ^A
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m2)		150*	Chromium III		TVS
		E. Coli (per 100 mL)		205	Chromium III(T)	50	
	(mg/m2)(chronic) = applies only above sted at 35.5(4).	Inorganic (mg	/L)		Chromium VI	TVS	TVS
	chronic) = applies only above the		acute	chronic	Copper	TVS	TVS
	e) = See 35.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
*Uranium(chro	onic) = See 35.5(3) for details.	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
		Nitrite		0.5	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

5d. All tributaries and wetlands to Roubideau Creek, from the national forest boundary to a point immediately above the confluence with Potter Creek. Mainstem of Potter Creek including all wetlands and tributaries from the national forest boundary to a point just below the confluence with Monitor Creek. All tributaries and wetlands to Escalante Creek from the national forest boundary to the Delta/Montrose County line (38.668215, -108.328144), excluding listings in Segment 5a. All tributaries and wetlands to Little Dominguez Creek from the national forest boundary to the confluence with Big Dominguez Creek. All tributaries and wetlands to Big Dominguez Creek from the national forest boundary to the confluence with the Gunnison River.

COGULG04A	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
<u>OW</u>	Aq Life Warm 2	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation P		acute	chronic	Arsenic(T)		0.02-10 A
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m2)		150*	Chromium III		TVS
		E. Coli (per 100 mL)		205	Chromium III(T)	50	
		Inorgani	c (mg/L)		Chromium VI	TVS	TVS
) 0 05 5(0) 5 1 4 11		acute	chronic	Copper	TVS	TVS
•	e) = See 35.5(3) for details. onic) = See 35.5(3) for details.	Ammonia	TVS	TVS	Iron		WS
Oranium(cmc	mic) = See 35.5(3) for details.	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
		Nitrite		0.5	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted. T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature See 35.6 for further details on applied standards.

. All tributaries and wetlands, to the San Miguel River from its source to a point immediately below the confluence of Leopard Creek, except for specific listings in Segments 1, 6a, 6b, 7<u>a, 7b,</u> and 8. COGUSM02 Classifications Physical and Biological Metals (ug/L) Designation Agriculture MWAT chronic DM acute Aq Life Cold 1 Reviewable 340 Temperature °C CS-I CS-L Arsenic Recreation E acute chronic 0.02 Arsenic(T) ---Water Supply D.O. (mg/L) 6.0 TVS Cadmium **TVS** Qualifiers: D.O. (spawning) 7.0 5.0 Cadmium(T) ------6.5 - 9.0 рΗ Chromium III TVS Other: chlorophyll a (mg/m2) 150 Chromium III(T) 50 ---Temporary Modification(s): E. Coli (per 100 mL) 126 Chromium VI TVS TVS Arsenic(chronic) = hybrid TVS Expiration Date of 12/31/2024 Copper **TVS** Iron WS Inorganic (mg/L) *Uranium(acute) = See 35.5(3) for details. Iron(T) 1000 acute chronic *Uranium(chronic) = See 35.5(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 Molybdenum(T) 150 Cyanide 0.005 Nitrate Nickel TVS TVS 10 Nickel(T) 100 Nitrite 0.05 Selenium TVS TVS Phosphorus 0.11 Silver TVS TVS(tr) WS Sulfate Uranium Sulfide 0.002 varies* varies* Zinc TVS TVS/TVS(sc)

COGUSM07	Classifications	Physical and	Biological		N	/letals (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:		рН	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	()	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date of 12/31/2024					Copper	TVS	TVS
kl l	+-\	Inorgan	ic (mg/L)		Iron		WS
•	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(Cinc	offic) - See 33.3(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		0.11	Selenium	TVS	TVS	
	Sulfate		WS	Silver	TVS	TVS(tr)	
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

sc = sculpin

	-	outaries and wetlands, from its source		with Howard			
COGUSM07	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
<u>OW</u>	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	ic) = hybrid	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024				Copper	TVS	TVS
*! !		Inorgan	ic (mg/L)		Iron		WS
•	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(cmc	offic) – See 33.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

9a. All tributaries to the San Miguel River, including all wetlands, from a point immediately below the confluence of Leopard Creek to the Dolores River that are within the boundaries of the Uncompangre National Forest, except for the listings in Segments 9b and 10a.

COGUSM09	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:		рН	6.5 - 9.0		Chromium III		TVS
Temporary M	odification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chron	` '	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
•	te of 12/31/2024				Copper	TVS	TVS
+11 ' /	() 0 05 5(0) () 1 ()	Inorgani	ic (mg/L)		Iron		WS
`	te) = See 35.5(3) for details. onic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(Gire	offic) – See 33.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

D.O. = dissolved oxygen

9bAll tributari	es and wetlands to Tabeguache (Creek that are within the boundaries	of the Uncompahgr	e National F	orest.		
COGUSM09	Classifications	Physical and	Biological			Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
ReviewableOW	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:		pH	6.5 - 9.0		Chromium III		TVS
Temporary Mo	dification(s):	chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Arsenic(chronic	* *	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Expiration Date	of 12/31/2024				Copper	TVS	TVS
*Uranium(acute) = See 35.5(3) for details.		Inorgan	ic (mg/L)		Iron		WS
•	nic) = See 35.5(3) for details.		acute	chronic	Iron(T)		1000
Oranium(Cilion	lic) = See 33.3(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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

COGUSM10A	Classifications	Physical and	Biological		N	/letals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable <u>OW</u>	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:		pH	6.5 - 9.0		Chromium III		TVS
		chlorophyll a (mg/m2)		150	Chromium III(T)	50	
•) = See 35.5(3) for details.	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Uranium(chron	ic) = See 35.5(3) for details.				Copper	TVS	TVS
		Inorganic (mg/L)			Iron		WS
			acute	chronic	Iron(T)		1000
		Ammonia	TVS	TVS	Lead	TVS	TVS
		Boron		0.75	Lead(T)	50	
		Chloride	-	250	Manganese	TVS	TVS/75
		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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	varies*	varies*
					Zinc	TVS	TVS

sc = sculpin

D.O. = dissolved oxygen DM = daily maximum

COGUSM10B Classifications		Physical and	Biological		N		
Designation	Agriculture		DM	MWAT		acute	chronic
Reviewable	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		pH	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m2)		150	Chromium III		TVS
Temporary M	odification(s):	E. Coli (per 100 mL)		126	Chromium III(T)	50	
Arsenic(chroni	()	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Expiration Date of 12/31/2024			acute	chronic	Copper	TVS	TVS
		Ammonia	TVS	TVS	Iron		WS
*Uranium(acute) = See 35.5(3) for details. *Uranium(chronic) = See 35.5(3) for details.		Boron		0.75	Iron(T)		1000
Oranium(Girc	offic) – See 33.3(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/75
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
	Sulfide		0.002	Selenium	TVS	TVS	
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

	Classifications	pint it exits the Uncompangre National Physical and				fletals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
<u>WC</u>	Aq Life Warm 1	Temperature °C	WS-II	WS-II	Arsenic	340	
	Recreation E		acute	chronic	Arsenic(T)		0.02
	Water Supply	D.O. (mg/L)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Other:		chlorophyll a (mg/m2)		150	Chromium III		TVS
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Chromium III(T)	50	
Arsenic(chroni	()	Inorgan	ic (mg/L)		Chromium VI	TVS	TVS
Expiration Dat	e of 12/31/2024		acute	chronic	Copper	TVS	TVS
***		Ammonia	TVS	TVS	Iron		WS
,	te) = See 35.5(3) for details.	Boron		0.75	Iron(T)		1000
Oranium(cmc	inic) - 3ee 33.3(3) for details.	Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
		Cyanide	0.005		Manganese	TVS	TVS/75
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	varies*	varies*
					Zinc	TVS	TVS

sc = sculpin

12a. All tributaries and wetlands to Naturita Creek. All tributaries and wetlands to the San Miguel River from a point immediately below the confluence with Leopard Creek to a point

	pove Horsefly Creek. This segment	Physical and			Metals (ug/L)		
	Agriculture	1 Hysical and	DM	MWAT	"	acute	chronic
	Ag Life Cold 2	Temperature °C	CS-II	CS-II	Arsenic	340	CHIOTHC
iveviewable	Recreation E	remperature C	acute	chronic			0.00
	Water Supply	D O (/)			Arsenic(T)		0.02
Qualifiers:	тись бирріу	D.O. (mg/L)		6.0	Cadmium	TVS	TVS
Water + Fish	Standards	D.O. (spawning)		7.0	Cadmium(T)	5.0	
	Jianuarus	pH	6.5 - 9.0		Chromium III		TVS
Other:		chlorophyll a (mg/m2)		150	Chromium III(T)	50	
Temporary Mo	odification(s):	E. Coli (per 100 mL)		126	Chromium VI	TVS	TVS
Arsenic(chroni	c) = hybrid				Copper	TVS	TVS
Expiration Date	e of 12/31/2024	Inorgani	ic (mg/L)		Iron		WS
*Uranium(chronic) = See 35.5(3) for details.			acute	chronic	Iron(T)		1000
Oraniani(onio	1110) - 000 00.0(0) 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		0.11	Selenium	TVS	TVS
		Sulfate		WS	Silver	TVS	TVS(tr)
		Sulfide		0.002	Uranium	TVS	varies*
					Uranium(T)		16.8-30 ^A
					Zinc	TVS	TVS

12b. All tributaries and wetlands to the San Miguel River from a point immediately above Horsefly Creek to the confluence with the Dolores River, excluding the listings in Segments 9a, 9b, 10a, 10b, 10c, 11a, 12a, and 12c, and 12d. Maverick Draw, including all tributaries and wetlands, from its source to the confluence with Naturita Creek.

COGUSM12B	Classifications	Physical and Biol	ogical		N	letals (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)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Water + Fish S	Standards	chlorophyll a (mg/m2)		150*	Chromium III		TVS
Other:		E. Coli (per 100 mL)		126	Chromium III(T)	50	
Temporary Modification(s):		Inorganic (mg/L)		Chromium VI	TVS	TVS	
Arsenic(chronic	c) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Date of 12/31/2024		Ammonia	TVS	TVS	Iron		ws
*chlorophyll a (mg/m2)(chronic) = applies only above the facilities listed at 35.5(4). *Phosphorus(chronic) = applies only above the facilities listed at 35.5(4).		Boron		0.75	Iron(T)		1000
		Chloride		250	Lead	TVS	TVS
		Chlorine	0.019	0.011	Lead(T)	50	
*Uranium(chro	nic) = See 35.5(3) for details.	Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	TVS	varies*
					Uranium(T)		16.8-30 ^A
					Zinc	TVS	TVS

All metals are dissolved unless otherwise noted.

T = total recoverable

t = total

tr = trout sc = sculpin D.O. = dissolved oxygen DM = daily maximum

MWAT = maximum weekly average temperature

See 35.6 for further details on applied standards.

12d. All tributa	ries and wetlands to Tabeguache Cree	k from the point it exits the Uncomp	ahgre National	Forest to the	confluence with the San N	<u> Miguel River.</u>	
COGUSM12B	Classifications	Physical and Bio	logical		I	Metals (ug/L)	
Designation	Agriculture		DM	MWAT		acute	chronic
<u>OW</u>	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)		5.0	Cadmium	TVS	TVS
Qualifiers:		рН	6.5 - 9.0		Cadmium(T)	5.0	
Water + Fish	Standards	chlorophyll a (mg/m2)		150*	Chromium III		TVS
Other:		E. Coli (per 100 mL)		126	Chromium III(T)	50	
Temporary Modification(s):		Inorganic (I	ng/L)		Chromium VI	TVS	
Arsenic(chroni	c) = hybrid		acute	chronic	Copper	TVS	TVS
Expiration Date of 12/31/2024		Ammonia	TVS	TVS	Iron		WS
*chlorophyll a (mg/m2)(chronic) = applies only above		Boron		0.75	Iron(T)		1000
the facilities lis	ited at 35.5(4).	Chloride		250	Lead	TVS	TVS
facilities listed	chronic) = applies only above the at 35.5(4).	Chlorine	0.019	0.011	Lead(T)	50	
*Uranium(chro	nic) = See 35.5(3) for details.	Cyanide	0.005		Manganese	TVS	TVS/WS
		Nitrate	10		Mercury(T)		0.01
		Nitrite		0.05	Molybdenum(T)		150
		Phosphorus		0.17*	Nickel	TVS	TVS
		Sulfate		WS	Nickel(T)		100
		Sulfide		0.002	Selenium	TVS	TVS
					Silver	TVS	TVS
					Uranium	TVS	varies*
					Uranium(T)		16.8-30 A
					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) 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.

Statement of Basis and Purpose for Regulation 35 June 13-14, 2022 Rulemaking Submitted by American Rivers, American Whitewater, Colorado Trout Unlimited, Conservation Colorado, Dolores River Anglers (Chapter 145 Trout Unlimited), High Country Conservation Advocates, The Pew Charitable Trusts, San Juan Citizens Alliance, Trout Unlimited and Western Resources Advocates

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

Water Quality Control Commission

REGULATION NO. 35 - CLASSIFICATIONS AND NUMERIC STANDARDS FOR GUNNISON AND LOWER DOLORES RIVER BASINS

5 CCR 1002-35

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

35.50 STATEMENT OF BASIS, SPECIFIC STATUTORY AUTHORITY AND PURPOSE; JUNE 13-14 2022 RULEMAKING; FINAL ACTION AUGUST 8, 2022; EFFECTIVE DATE DECEMBER 31, 2022

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.

Statement of Basis and Purpose

A. Waterbody Segmentation

Some renumbering and/or creation of new segments in the basin was made due to information which showed that new water quality data indicated that streams should be resegmented based on changes in their water quality; and/or certain segments could be grouped together in one segment because they had similar quality and uses. The following changes were made:

Upper Gunnison River Basin

<u>Taylor River and Soap Creek.</u> The upper portion of segment 4 of the Taylor River was moved into a new segment, segment 3. A portion of segment 26, Soap Creek, was removed from segment 26 and is also included in segment 3. Segment 3 is defined as:

Mainstem of the Taylor River, including all tributaries and wetlands, from the source to a point immediately below the confluence with Illinois Creek, except for listings in Segment 1. Mainstem of Soap Creek, including all tributaries and wetlands, from the West Elk Wilderness boundary to Blue Mesa Reservoir.

Moving the portion of the Taylor River above the reservoir into a segment separate from the Taylor Reservoir is also consistent with keeping reservoirs separate from flowing streams. It is also a hydrologic separation provided by the reservoir that results in this being a logical separation from the stream.

Soap Creek was removed from segment 26 into segment 3. Creating a separate segment for Soap Creek recognizes that the water quality in Soap Creek exceeds that of other tributaries to Blue Mesa that it is currently combined with. Water quality in Soap Creek is of higher quality than other streams in segment 26. There is also significant recreational activity along Soap Creek that qualifies Soap Creek as the same recreational classification as the Taylor River segment 3 - use classification Rec. E - including several campsites located adjacent to the stream.

Lower Gunnison River Basin

Big Dominguez Creek, Little Dominguez Creek, Escalante Creek, Potter Creek, Roubideau Creek.

Segment 3 was split into segments 3a and 3b. Big Dominguez Creek, Little Dominguez Creek, Escalante Creek, Potter Creek, and Roubideau Creek within national forest boundaries were removed from segment 3 to create segment 3b, defined as: Mainstem of Big Dominguez Creek, Little Dominguez Creek, Escalante Creek, Potter Creek, and Roubideau Creek, including all tributaries and wetlands, within the boundaries of the Uncompangre National Forest. Prior to this rulemaking, Big Dominguez, Little Dominguez and Escalante Creek, Potter Creek and Roubideau had been combined with numerous other tributaries to the Gunnison River within national forest boundaries. It is appropriate to combine these reaches in a consolidated segment as they share uses in common (agriculture, aquatic life cold 1, recreation, water supply) and have similar water quality (meeting outstanding waters criteria). To maintain consistency with segmentation changes, segment 3b was excluded from segment 3a.

To create segment 3b the mainstem of Roubideau Creek and mainstem of Potter Creek from the national forest boundary to the confluence with Potter Creek were removed from 5b.

The mainstem of Roubideau Creek and Potter Creek were removed from segment 5b to create segment 5c. Segment 5c is defined as the Mainstem of Roubideau Creek from the national forest boundary to a point immediately above the confluence with Potter Creek; mainstem of Potter Creek from immediately below Monitor Creek to the confluence with Roubideau Creek. The rationale for maintaining these two mainstems together is that they have the same uses and similar water quality. To maintain consistency with segmentation changes, segment 5b was defined as the Mainstem of Monitor Creek from the national forest boundary to the confluence with Potter Creek.

Segment 5d was created to include: All tributaries and wetlands to Roubideau Creek, from the national forest boundary to a point immediately above the confluence with Potter Creek. Mainstem of Potter Creek including all wetlands and tributaries from the national forest boundary to a point just below the confluence with Monitor Creek. All tributaries and wetlands to Escalante Creek from the national forest boundary to the Delta/Montrose County line (38.668215, -108.328144), excluding listings in Segment 5a. All tributaries and wetlands to Little Dominguez Creek from the national forest boundary to the confluence with Big Dominguez Creek. All tributaries and wetlands to Big Dominguez Creek from the national forest boundary to the confluence with the Gunnison River. This new segment captures tributaries being moved from segment 4a.

To maintain consistency with segmentation changes, segments 3a, 3b, 5c and 5d were excluded from 4a.

San Miguel River Basin

<u>Tabeguache Creek</u>. Several changes were made to segmentation to better capture water quality in Tabeguache Creek and its tributaries. These changes include:

Tabeguache Creek was removed from Segment 10b outside of the forest to create a new segment, segment 10c, defined as: Mainstem of Tabeguache Creek from the point it exits the Uncompander National Forest to the confluence with the San Miguel River.

Tabeguache Creek segment 9 was divided into two segments to separate Tabeguache tributaries within national forest boundaries from other tributaries to the San Miguel River within the national forest boundaries. This created segment 9b, defined as: All tributaries and wetlands to Tabeguache Creek that are within the boundaries of the Uncompangre National Forest.

To maintain consistency with segmentation changes, segment 9a was excluded from segment 12a; segments 9a, 9b, 10a, 10b, 10c, and 12d were excluded from segment 12b.

Segment 12d was created for Tabeguache tributaries outside of national forest boundaries and is defined as: All tributaries and wetlands to Tabeguache Creek from the point it exits the Uncompandere National Forest to the confluence with the San Miguel River.

This resegmentation separates Tabeguache Creek from Naturita Creek to recognize the different water quality parameters possessed by each creek. It also recognizes the differences in water quality between segments that are classified as Warm 1 and Warm 2.

<u>Waterfall Creek</u>. Segment 7 was split into segments 7a and 7b to account for substantial differences in water quality between Waterfall Creek and the Howard Fork.

7a was defined as: Mainstem of Howard Fork including all tributaries and wetlands from a point immediately below the confluence of Swamp Gulch to its confluence with the South Fork of the San Miguel River, except for listings in Segment 7b.

7b was designated Outstanding Waters and was defined as: Mainstem of Waterfall Creek, including all tributaries and wetlands, from its source to the confluence with Howard Fork.

To maintain consistency with segmentation changes, segments 7a and 7b were excluded from segment 2.

B. 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 in segment 3. The Commission adopted the use classification Recreation E for Soap Creek where the evidence demonstrated water quality and current use was suitable for recreational activities in or on the water. Data demonstrates that Soap Creek meets water quality criteria for Recreation E. There are multiple public campgrounds adjacent to the creek that are used for swimming and fishing as well as year-round flows. The Recreation E use classification and standards were added to segment 3.

C. Changes to Antidegradation Designation

The commission reviewed segments 9b, 7b, and 6a previously designated as Use Protected to determine if the Outstanding Waters (OW) designation is warranted. The Commission reviewed new segments 3, 10a,10c, 12d,3b, 5c, and 5d to determine if the OW designation is warranted. Based on evidence that shows the water quality meets the requirements of section 31.8(2)(a), and on the presence of unique conservation values possessed by these stream segments, the OW designation was added to

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

Outstanding Waters Designation

The Southwest Colorado Outstanding Waters Coalition (or the Coalition) proposed the classification of OW for numerous segments in the Gunnison and San Juan Basins in order to protect water quality to the highest level possible under state regulations, to support fish, wildlife and vegetation habitat mitigation, and to preserve outstanding stream segments that provide climate refugia.

The Commission added the OW designation to the following segments based on the following evidence:

<u>Taylor River</u>. Based on ample evidence that water quality in segment 3 meets the requirements of 31.8(2)(a) and the presence of outstandingly remarkable recreational values for scenic paddling opportunities and fly-fishing, the OW designation was added to segment 3.

<u>Soap Creek</u>. Based on ample evidence that water quality in Soap Creek meets the requirements of 31.8(2)(a) and the presence of Colorado River cutthroat trout and habitat within this segment, the OW

designation was added to Soap Creek in segment 3. The use classification on Soap Creek was upgraded to use classification Rec. E based on water quality data and recreational use of segment 3.

Big Dominguez Creek, Little Dominguez Creek, Escalante Creek, Potter Creek, and Roubideau Creek. Based on ample evidence that water quality in segment 3b, segment 5c, segment 6a and segment 5d meet the requirements of 31.8(2)(a) and the presence of outstanding and remarkable values on these segments the OW designation was added to Big Dominguez Creek, Little Dominguez Creek, Escalante Creek, Potter Creek, and Roubideau Creek segments 3b, 5c, 6a and 5d. Each of these creeks has remarkable values supported by high quality waters, summarized here:

- Big Dominguez Creek and Little Dominguez Creek watersheds support a unique wildlife population of Canyon Tree Frogs. The BLM recognizes in their 2009 Wild and Scenic Eligibility report that Big Dominguez Creek and Little Dominguez Creek possess wildlife, scenic, geological, and cultural outstandingly remarkable values.
- -Escalante Creek shares the same unique vegetation as the adjacent Big Dominquez and Little Dominguez Creeks. Additionally, there are high quality kayaking opportunities in Escalante Creek.
- -Potter Creek hosts unique fish species, bluehead sucker and flannelmouth sucker, and vegetation. Potter Creek is included in the Roubideau Creek Potential Conservation Area The evidence demonstrates that in the Gunnison basin existing uses such as cattle grazing and recreation on public and private lands are compatible with the new OW designations proposed herein since the current high level of water quality has been attained with these uses in place. designated by the Colorado Natural Heritage Program.
- -Roubideau Creek has unique recreational, botanical, and wildlife habitat and is included in the Roubideau Creek Potential Conservation Area.

Based on ample evidence that water quality in segment 3b, segment 5c, segment 6a and segment 5d meet the requirements of 31.8(2)(a) and the presence of outstanding and remarkable values on these segments the OW designation was added to Big Dominguez Creek, Little Dominguez Creek, Escalante Creek, Potter Creek, and Roubideau Creek segments 3b, 5c, 6a and 5d.

<u>Tabeguache Creek</u>. Based on ample evidence that water quality in Tabeguache Creek segment 9b, segment 10a, and segment 10c meet the requirements of 31.8(2)(a) and the presence of outstandingly remarkable vegetation, including globally vulnerable riparian communities, the OW designation was added to segment 9b, segment 10a, segment 10c and segment 12d.

<u>Waterfall Creek</u>. Based on ample evidence that water quality in Waterfall Creek segment 7b meets the requirements of 31.8(2)(a), is the primary drinking water source for the town of Ophir, and has a higher level of water quality and greater diversity of aquatic life than adjacent streams, OW designation was added to segment 7b.

Data demonstrating that these segments meet or exceed the water quality standards set by the Commission for OW are contained in Appendix 1 of the Southwest Colorado Outstanding Waters Coalition Prehearing Statement (March 2022).

The Commission has determined that the evidence demonstrates that the three criteria for an OW designation set forth in section 31.8(2)(a) are met for this proposal. The Commission also notes that the outreach undertaken by the Southwest Outstanding Waters Coalition as the proponent of these designations helps to demonstrate broad support for the conclusion that these waters constitute an outstanding natural resource and that the additional protection provided by this designation is appropriate.

The Commission understands that there are existing land uses, including grazing permits, in place in many of these watersheds. The evidence demonstrates that these existing land uses are compatible with the OW designation, since the current high level of water quality has been attained with these uses in place. It is the Commission's intent that these OW designations should not be the basis upon which federal, state or local agencies place more onerous or costly conditions upon permits or approvals existing at the time of the designation, or upon any renewals thereof.

Further, acknowledging that the adoption of the OW designation for identified segments is a discretionary undertaking by the Commission, with such designations not being subject to federal approval or disapproval, the Commission may, in the future, remove the OW designation from any such segment in accordance with the state substantive and procedural rules then in effect.